

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
 Data File : VX048316.D
 Acq On : 23 Oct 2025 11:54
 Operator : JC/MD
 Sample : Q3414-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 24 05:41:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.537	168	100987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	191847	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	194077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	99886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	77669	54.854	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	=	109.700%	
35) Dibromofluoromethane	5.367	113	52079	39.763	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	79.520%	
50) Toluene-d8	8.634	98	213382	46.481	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	92.960%	
62) 4-Bromofluorobenzene	11.061	95	89596	51.302	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	102.600%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	2016	1.472	ug/l	97
11) Tert butyl alcohol	2.934	59	1200	8.536	ug/l #	72
13) Acrolein	2.239	56	505	3.522	ug/l #	1
15) Acrylonitrile	3.074	53	267	0.527	ug/l #	71
16) Acetone	2.373	43	23220	47.804	ug/l	96
17) Carbon Disulfide	2.520	76	1278	0.382	ug/l #	94
18) Methyl Acetate	2.702	43	3019	2.976	ug/l #	64
20) Methylene Chloride	2.788	84	3398	2.871	ug/l	98
25) 2-Butanone	4.550	43	6202	10.088	ug/l	94
29) Tetrahydrofuran	4.970	42	115	0.312	ug/l #	33
31) Cyclohexane	5.458	56	8757	4.982	ug/l	89
36) 1,1-Dichloropropene	5.531	75	8701	4.674	ug/l #	50
37) Ethyl Acetate	4.684	43	405	0.262	ug/l #	70
38) Carbon Tetrachloride	5.531	117	11188	4.871	ug/l #	16
39) Methylcyclohexane	7.360	83	9587	4.361	ug/l	97
40) Benzene	6.025	78	4882949	903.465	ug/l	100
41) Methacrylonitrile	4.989	41	349	0.431	ug/l #	37
42) 1,2-Dichloroethane	6.025	62	45244	22.686	ug/l #	76
43) Isopropyl Acetate	6.318	43	9076	3.581	ug/l	97
48) Methyl methacrylate	7.775	41	34022	26.602	ug/l #	47
49) 1,4-Dioxane	7.775	88	51	3.018	ug/l #	1
51) 4-Methyl-2-Pentanone	8.531	43	37724	25.815	ug/l #	56
52) Toluene	8.701	92	2962432	862.797	ug/l	97
53) t-1,3-Dichloropropene	8.701	75	36722	17.629	ug/l #	1
54) cis-1,3-Dichloropropene	8.531	75	15152	6.742	ug/l #	63
55) 1,1,2-Trichloroethane	9.085	97	695	0.544	ug/l #	22
57) 1,3-Dichloropropane	9.463	76	1204	0.552	ug/l #	50
58) 2-Chloroethyl Vinyl ether	8.232	63	232	1.927	ug/l #	47
59) 2-Hexanone	9.463	43	15107	14.826	ug/l #	58
67) Ethyl Benzene	10.177	91	474423	63.826	ug/l	100
68) m/p-Xylenes	10.280	106	1022483	370.230	ug/l	98
69) o-Xylene	10.628	106	947483	355.355	ug/l	99
70) Styrene	10.634	104	374569	82.503	ug/l #	65
73) Isopropylbenzene	10.945	105	36757	5.038	ug/l	99
74) N-amyl acetate	10.841	43	1169	0.452	ug/l #	1
76) 1,2,3-Trichloropropane	11.359	75	3634	2.243	ug/l #	1

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

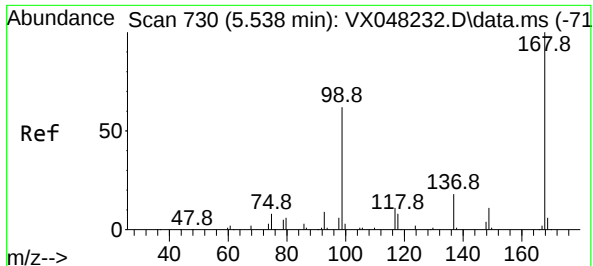
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

78) n-propylbenzene	11.286	91	65986	7.812	ug/l	98
79) 2-Chlorotoluene	11.359	91	48711	9.511	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.433	105	382036	63.277	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.061	75	47088	70.725	ug/l #	10
82) 4-Chlorotoluene	11.433	91	44955	7.394	ug/l #	46
83) tert-Butylbenzene	11.951	119	18828	3.035	ug/l	71
84) 1,2,4-Trimethylbenzene	11.731	105	942383	156.402	ug/l	99
85) sec-Butylbenzene	11.731	105	942383	126.269	ug/l #	56
86) p-Isopropyltoluene	11.951	119	18828	2.919	ug/l	89
88) 1,4-Dichlorobenzene	12.024	146	792	0.222	ug/l #	35
89) n-Butylbenzene	12.304	91	14672	2.499	ug/l #	9
90) Hexachloroethane	12.530	117	11765	9.235	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	12.902	75	317	0.784	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.566	180	658	0.301	ug/l #	1
94) Hexachlorobutadiene	13.707	225	433	0.594	ug/l	97
95) Naphthalene	13.761	128	6221346	1072.433	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

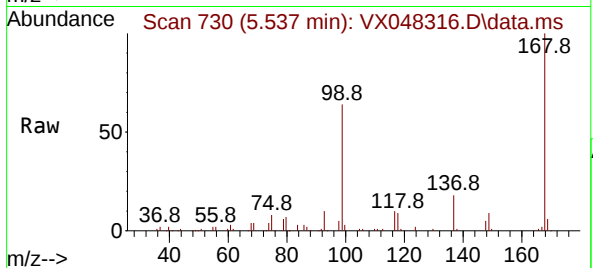
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Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



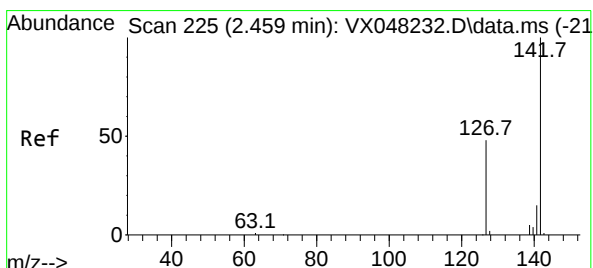
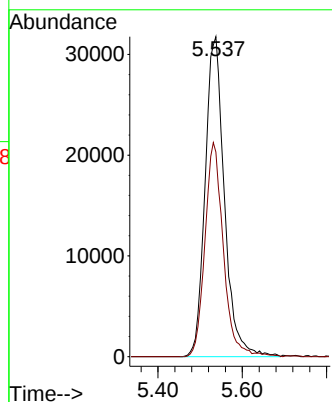
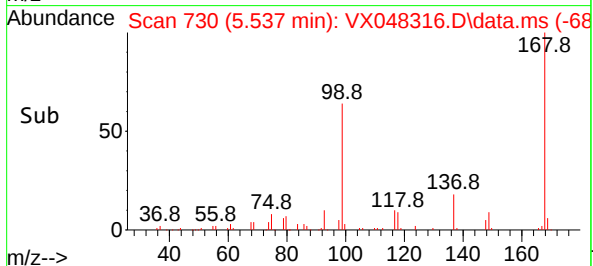


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Instrument :
MSVOA_X
ClientSampleId :

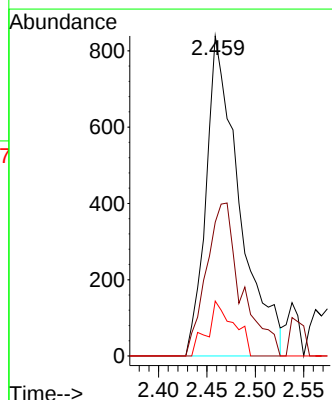
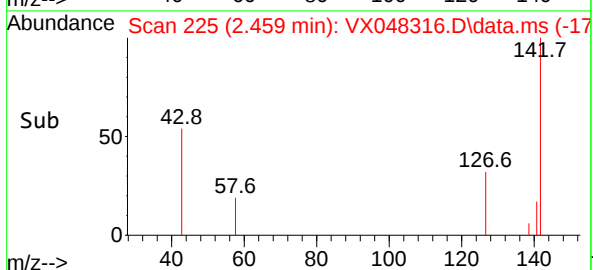
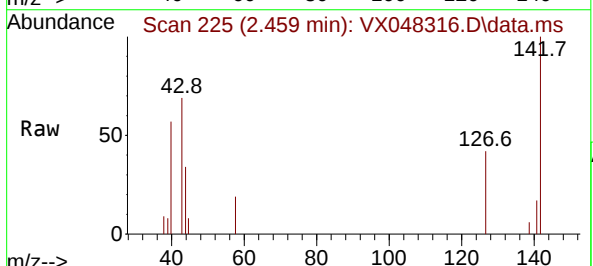


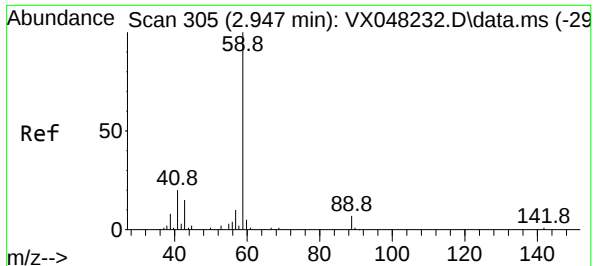
Tgt Ion:168 Resp: 100987
Ion Ratio Lower Upper
168 100
99 64.0 46.4 69.6



#10
Methyl Iodide
Concen: 1.472 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion:142 Resp: 2016
Ion Ratio Lower Upper
142 100
127 50.1 38.5 57.7
141 13.7 11.6 17.4





#11

Tert butyl alcohol

Concen: 8.536 ug/l

RT: 2.934 min Scan# 305

Delta R.T. -0.006 min

Lab File: VX048316.D

Acq: 23 Oct 2025 11:54

Instrument :

MSVOA_X

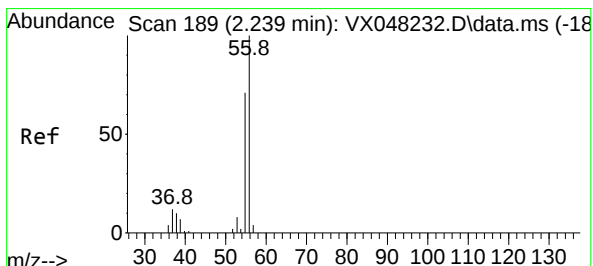
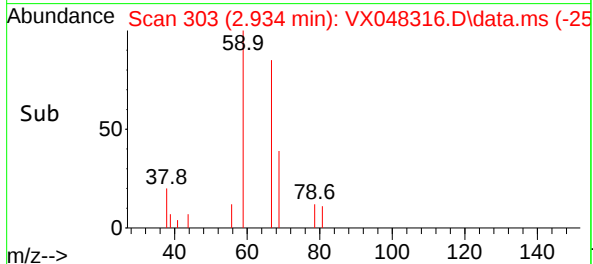
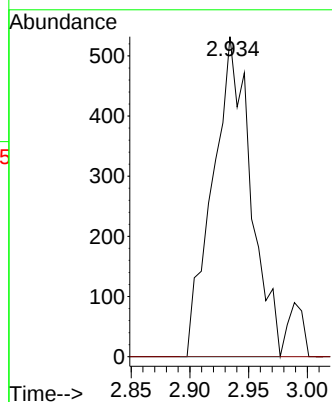
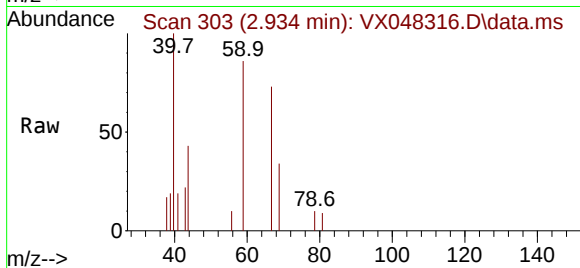
ClientSampleId :

Tgt Ion: 59 Resp: 1200

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#13

Acrolein

Concen: 3.522 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX048316.D

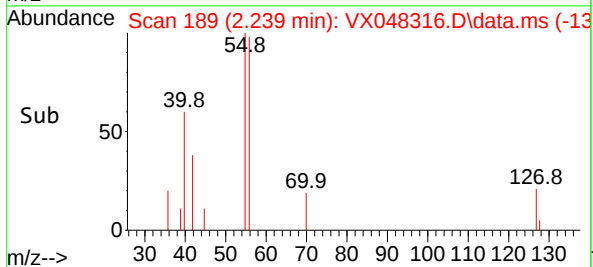
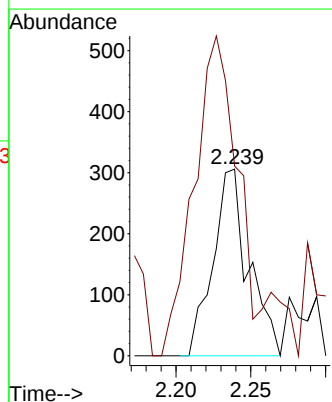
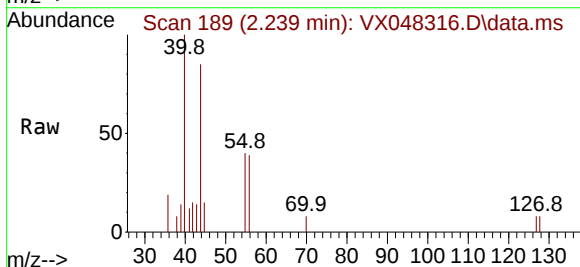
Acq: 23 Oct 2025 11:54

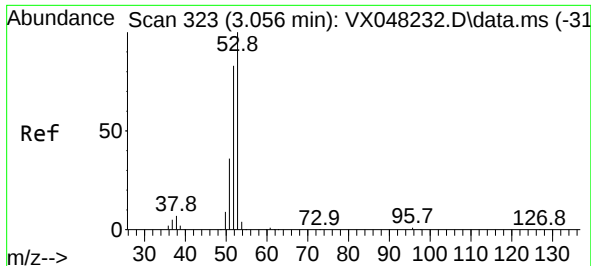
Tgt Ion: 56 Resp: 505

Ion Ratio Lower Upper

56 100

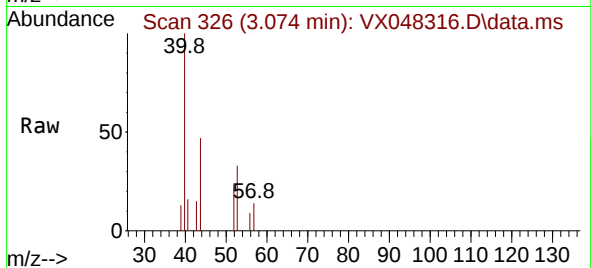
55 211.9 56.1 84.1#



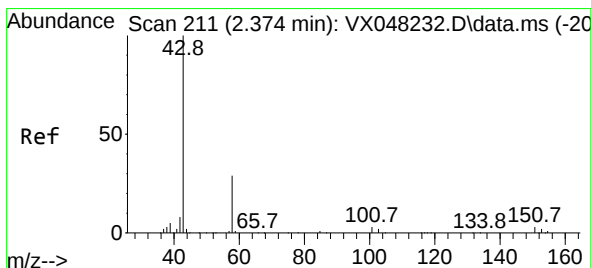
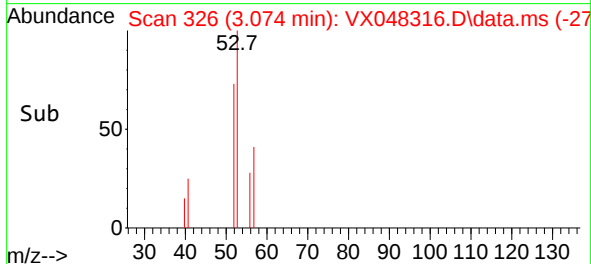
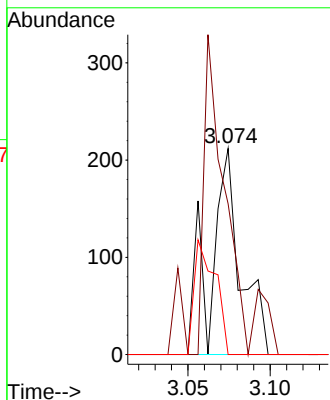


#15
Acrylonitrile
Concen: 0.527 ug/l
RT: 3.074 min Scan# 31
Delta R.T. 0.018 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Instrument :
MSVOA_X
ClientSampleId :

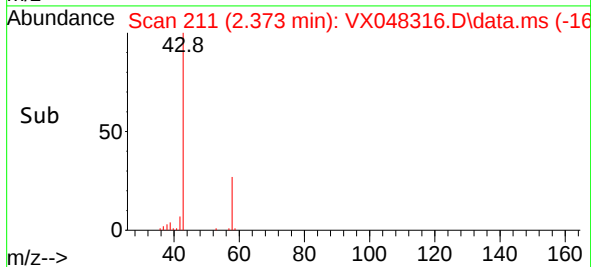
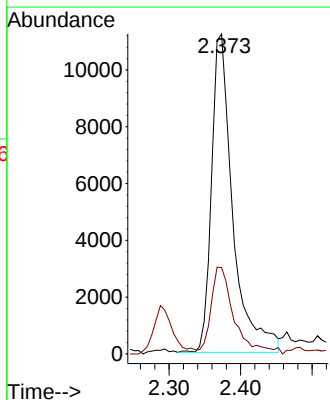
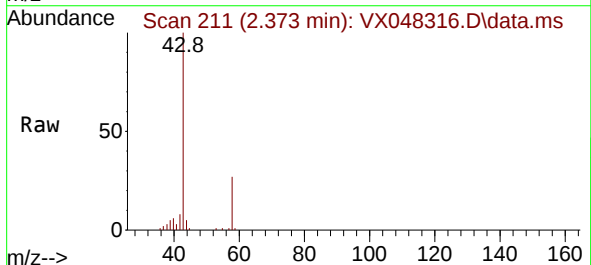


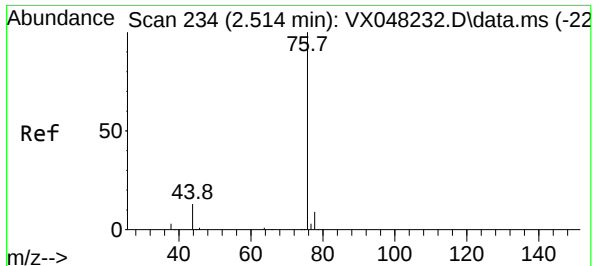
Tgt Ion: 53 Resp: 267
Ion Ratio Lower Upper
53 100
52 117.6 66.1 99.1#
51 39.3 29.0 43.4



#16
Acetone
Concen: 47.804 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion: 43 Resp: 23220
Ion Ratio Lower Upper
43 100
58 27.3 23.4 35.2

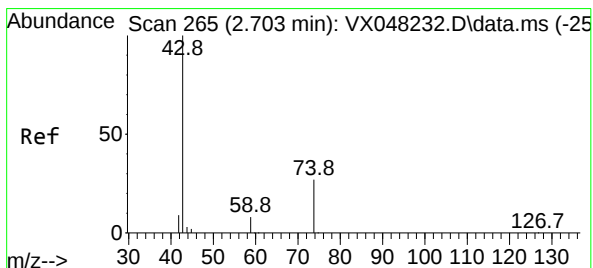
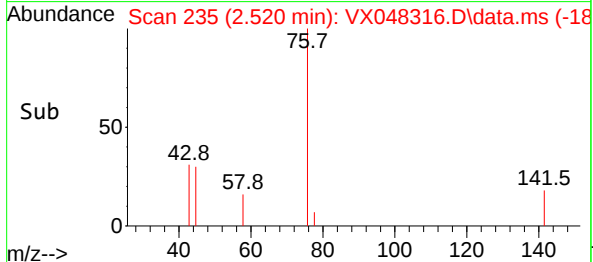
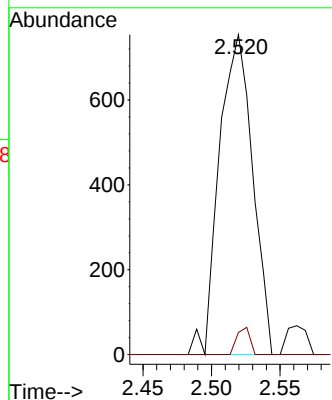
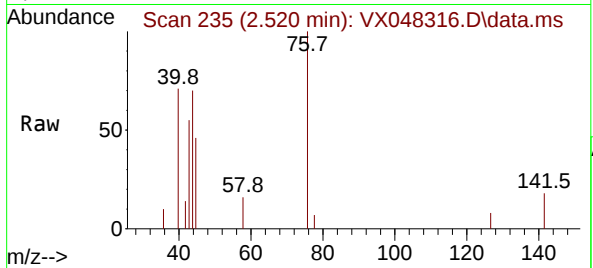




#17
Carbon Disulfide
Concen: 0.382 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

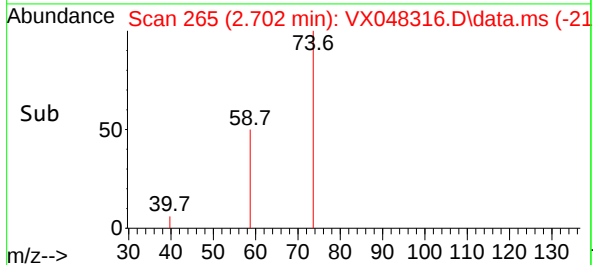
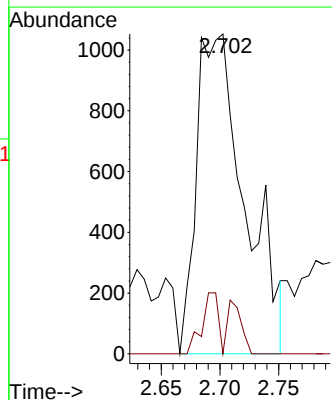
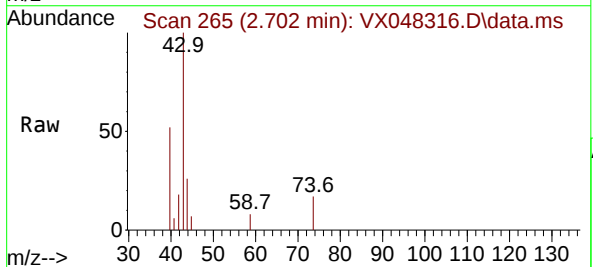
Instrument :
MSVOA_X
ClientSampleId :

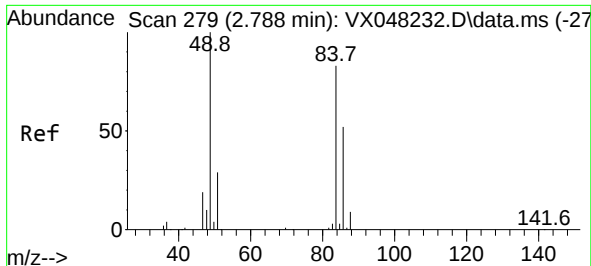
Tgt Ion: 76 Resp: 1278
Ion Ratio Lower Upper
76 100
78 6.9 7.1 10.7#



#18
Methyl Acetate
Concen: 2.976 ug/l
RT: 2.702 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

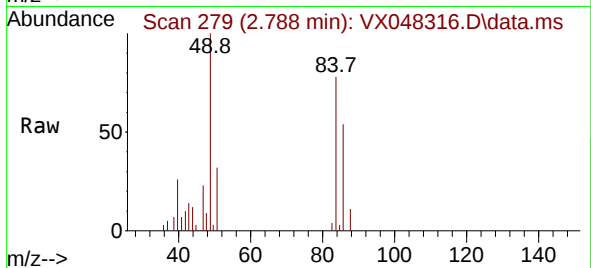
Tgt Ion: 43 Resp: 3019
Ion Ratio Lower Upper
43 100
74 4.8 17.5 26.3#



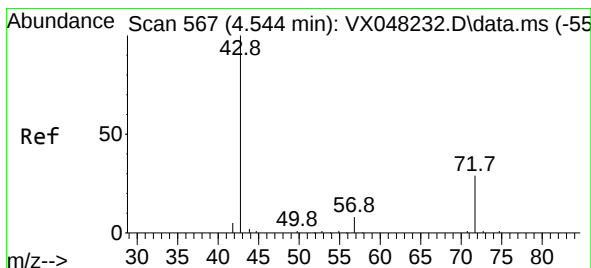
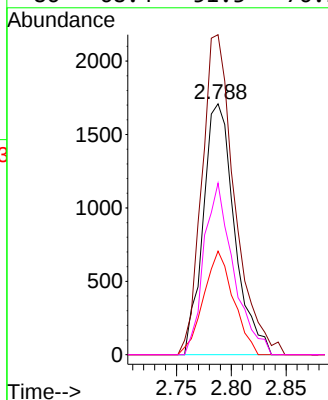
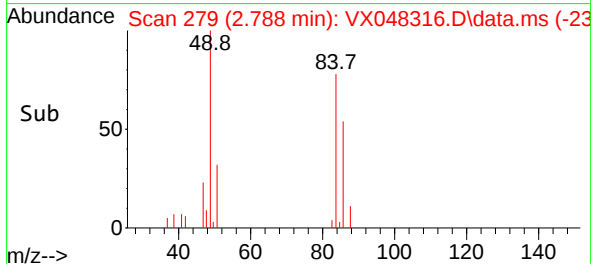


#20
Methylene Chloride
Concen: 2.871 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Instrument :
MSVOA_X
ClientSampleId :

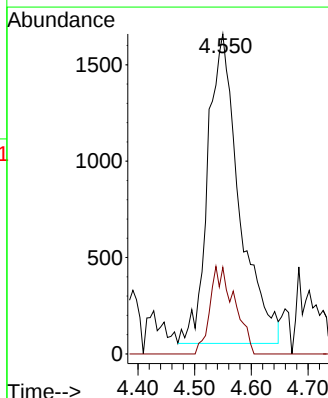
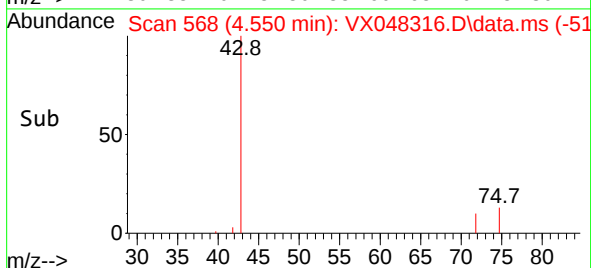
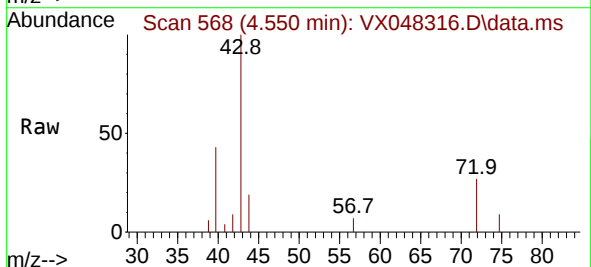


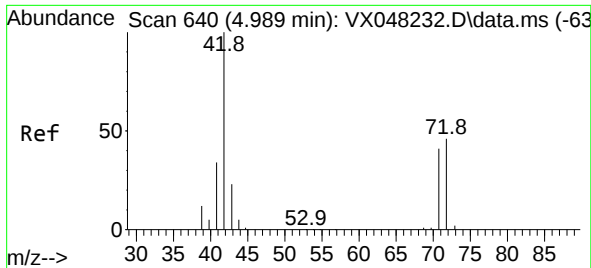
Tgt Ion:	84	Resp:	3398
Ion	Ratio	Lower	Upper
84	100		
49	130.9	104.1	156.1
51	41.3	31.3	46.9
86	68.4	51.3	76.9



#25
2-Butanone
Concen: 10.088 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.012 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

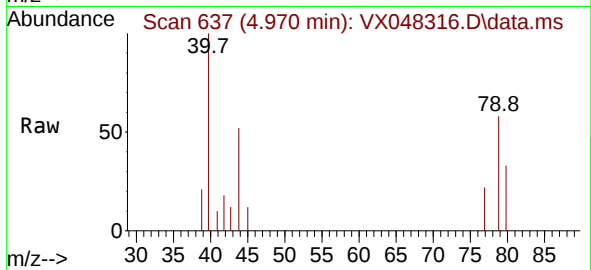
Tgt Ion:	43	Resp:	6202
Ion	Ratio	Lower	Upper
43	100		
72	28.0	19.9	29.9



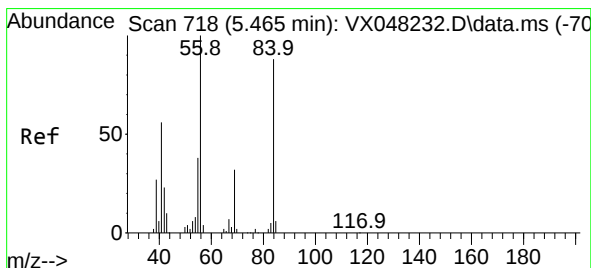
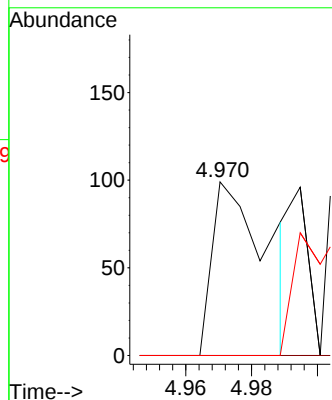
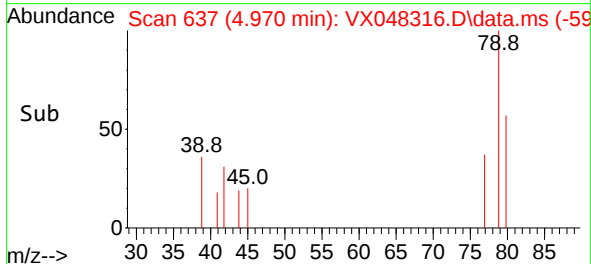


#29
Tetrahydrofuran
Concen: 0.312 ug/l
RT: 4.970 min Scan# 611
Delta R.T. -0.019 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Instrument :
MSVOA_X
ClientSampleId :

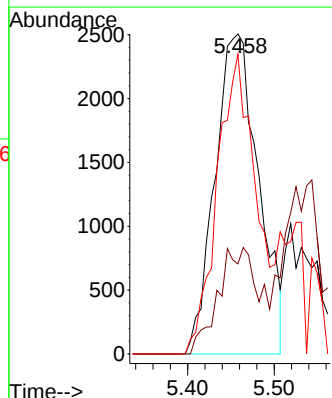
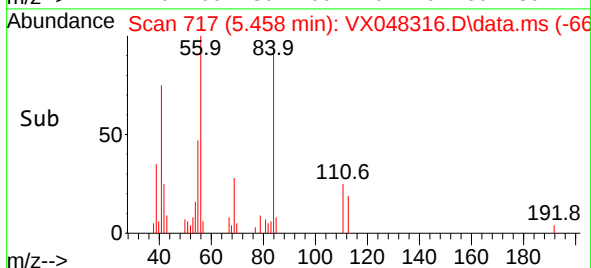
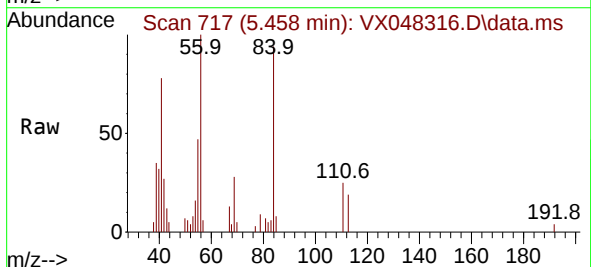


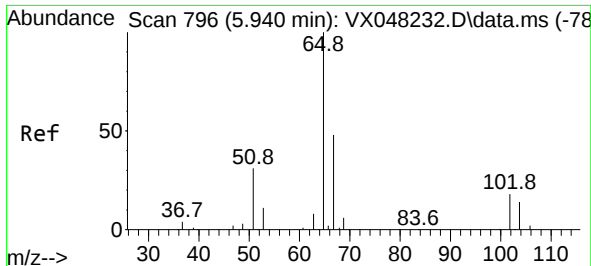
Tgt Ion: 42 Resp: 115
Ion Ratio Lower Upper
42 100
72 0.0 35.3 52.9#
71 0.0 32.2 48.4#



#31
Cyclohexane
Concen: 4.982 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion: 56 Resp: 8757
Ion Ratio Lower Upper
56 100
69 28.2 23.0 34.6
84 93.7 64.6 97.0

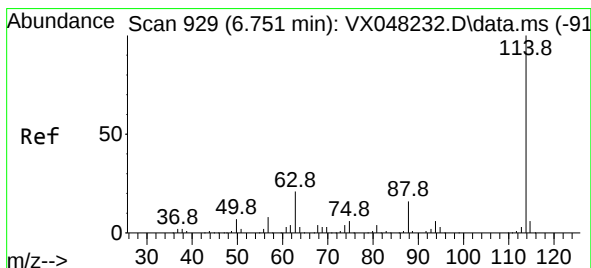
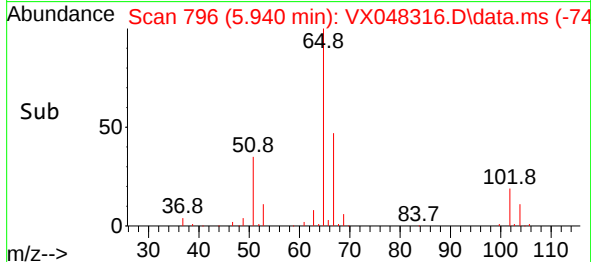
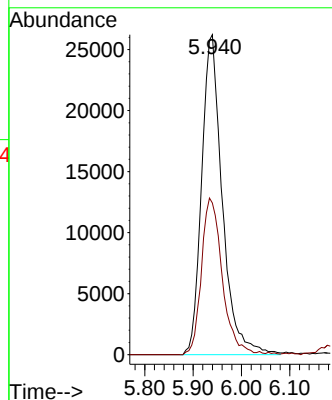
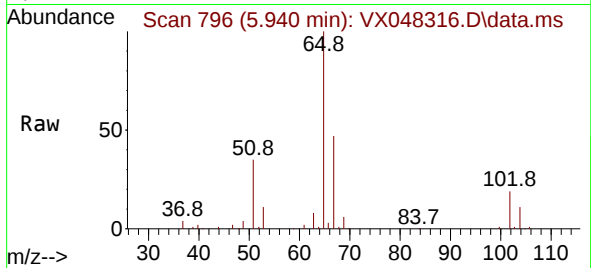




#33
 1,2-Dichloroethane-d4
 Concen: 54.854 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048316.D
 Acq: 23 Oct 2025 11:54

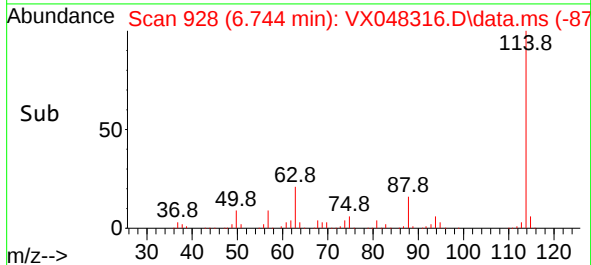
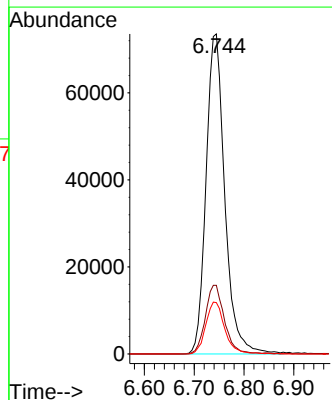
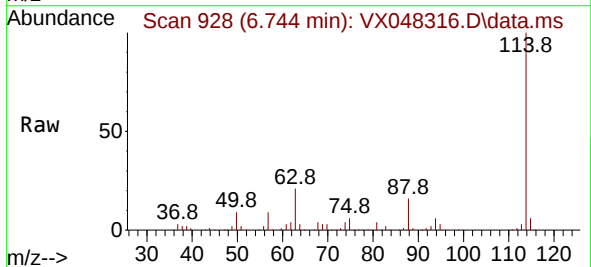
Instrument :
 MSVOA_X
 ClientSampleId :

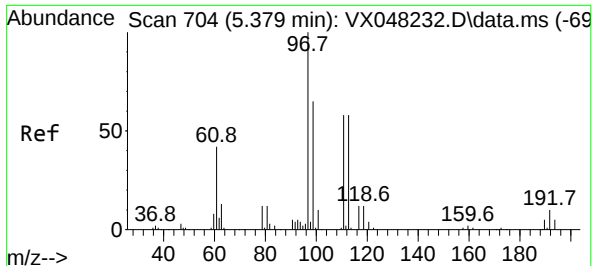
Tgt Ion: 65 Resp: 77669
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.744 min Scan# 928
 Delta R.T. -0.001 min
 Lab File: VX048316.D
 Acq: 23 Oct 2025 11:54

Tgt Ion:114 Resp: 191847
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.2
 88 16.1 0.0 33.6





#35

Dibromofluoromethane

Concen: 39.763 ug/l

RT: 5.367 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX048316.D

Acq: 23 Oct 2025 11:54

Instrument :

MSVOA_X

ClientSampleId :

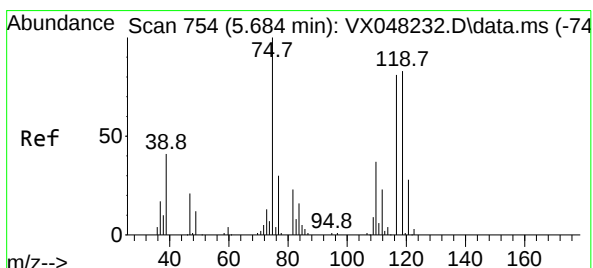
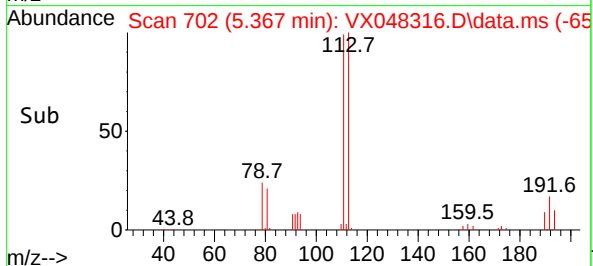
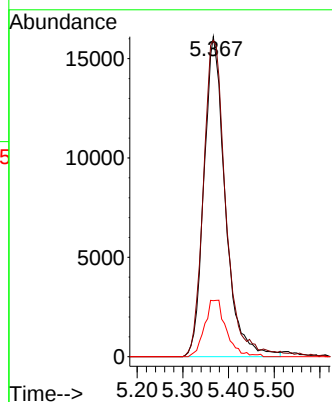
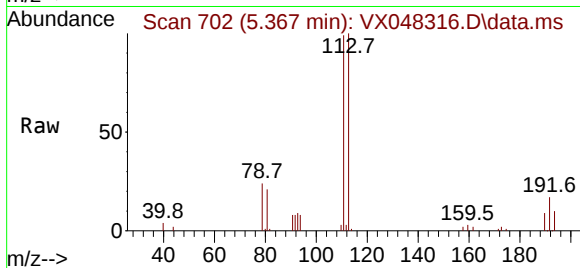
Tgt Ion:113 Resp: 52079

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

192 17.9 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.674 ug/l

RT: 5.531 min Scan# 729

Delta R.T. -0.153 min

Lab File: VX048316.D

Acq: 23 Oct 2025 11:54

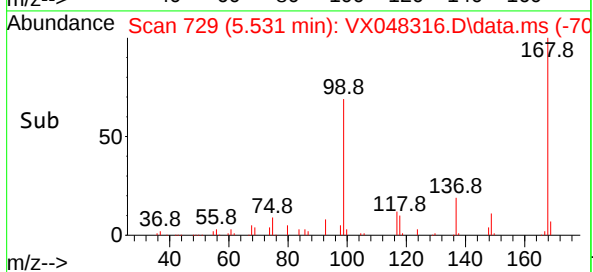
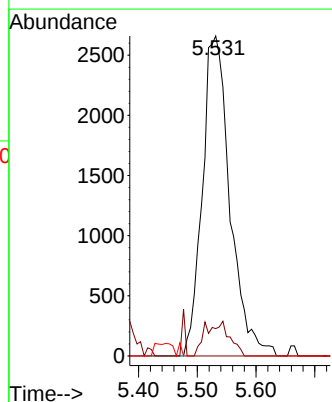
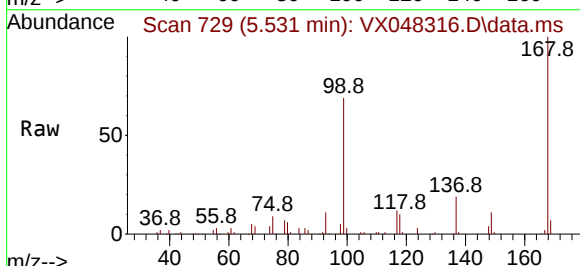
Tgt Ion: 75 Resp: 8701

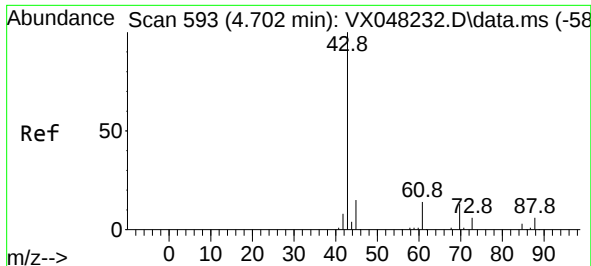
Ion Ratio Lower Upper

75 100

110 9.4 17.7 53.1#

77 0.0 24.3 36.5#





#37

Ethyl Acetate

Concen: 0.262 ug/l

RT: 4.684 min Scan# 593

Delta R.T. -0.012 min

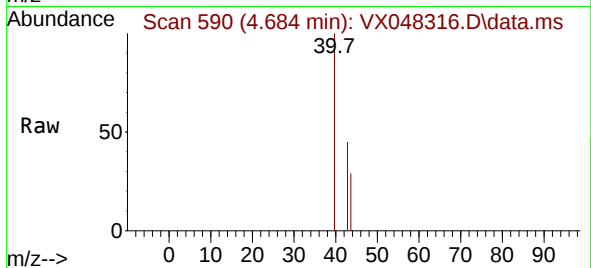
Lab File: VX048316.D

Acq: 23 Oct 2025 11:54

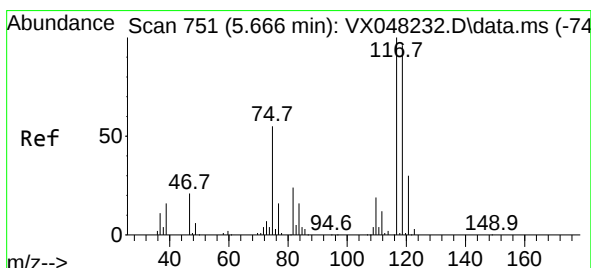
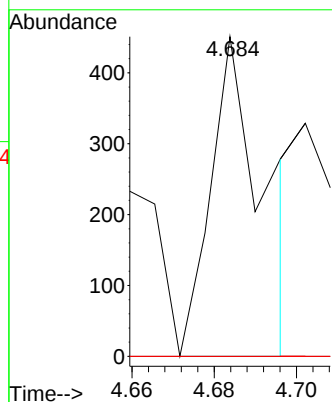
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43	Resp: 405
Ion Ratio	Lower Upper
43	100
61	0.0 10.6 15.8#
70	0.0 7.8 11.6#



#38

Carbon Tetrachloride

Concen: 4.871 ug/l

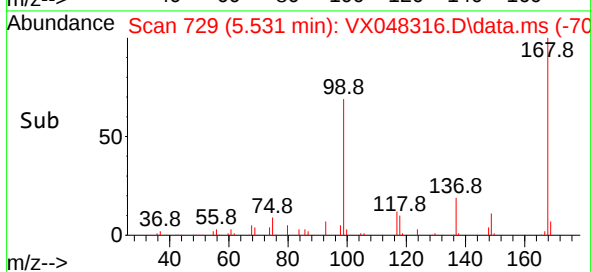
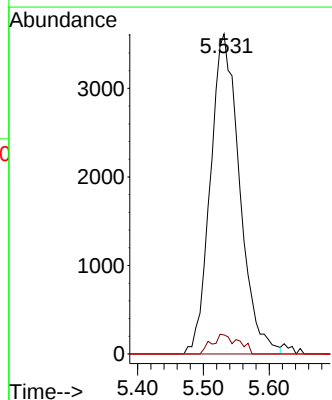
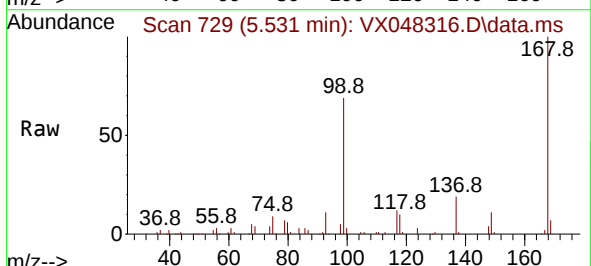
RT: 5.531 min Scan# 729

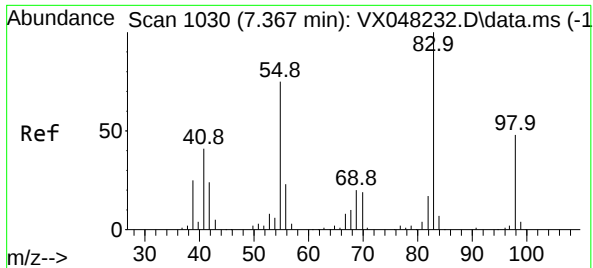
Delta R.T. -0.134 min

Lab File: VX048316.D

Acq: 23 Oct 2025 11:54

Tgt Ion: 117	Resp: 11188
Ion Ratio	Lower Upper
117	100
119	6.0 77.2 115.8#
121	0.0 24.8 37.2#

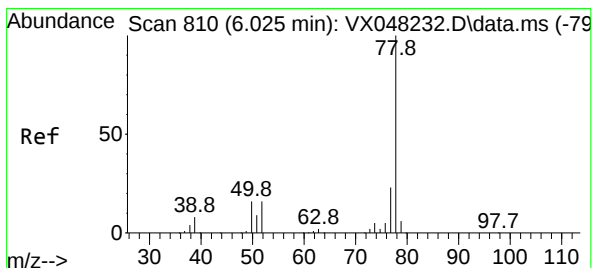
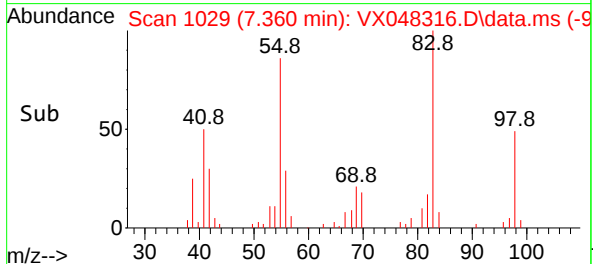
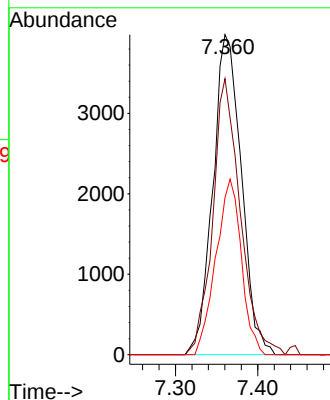
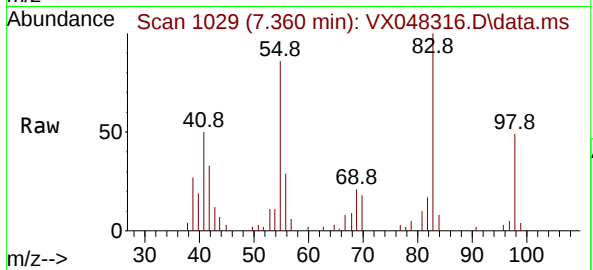




#39
Methylcyclohexane
Concen: 4.361 ug/l
RT: 7.360 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

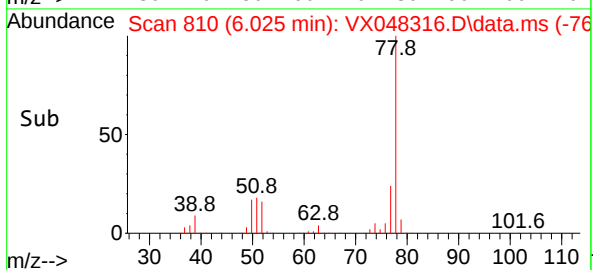
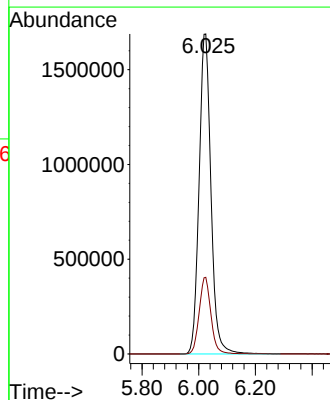
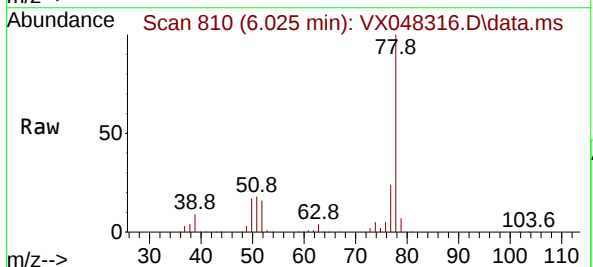
Instrument :
MSVOA_X
ClientSampleId :

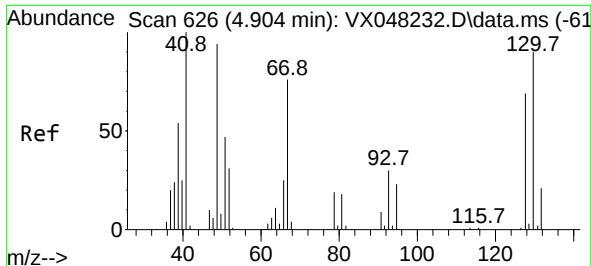
Tgt Ion: 83 Resp: 9587
Ion Ratio Lower Upper
83 100
55 86.2 66.2 99.2
98 49.1 38.9 58.3



#40
Benzene
Concen: 903.465 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion: 78 Resp: 4882949
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9

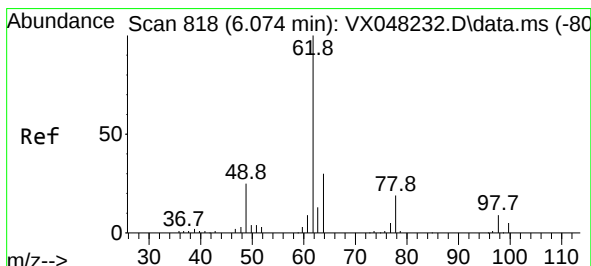
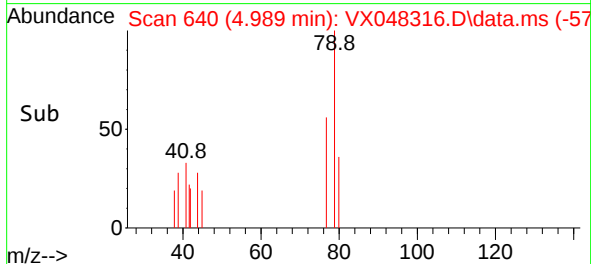
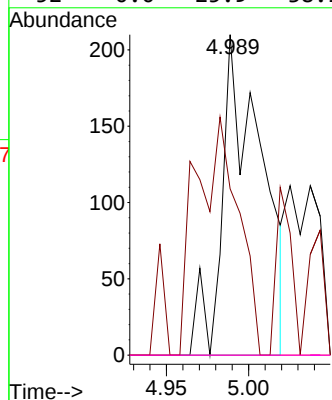
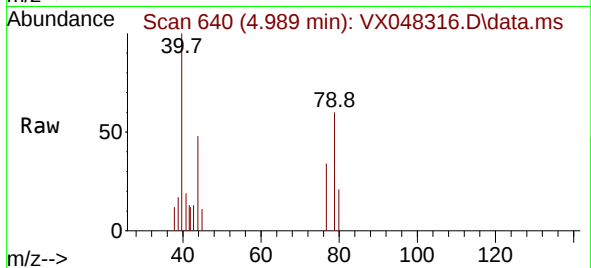




#41
Methacrylonitrile
Concen: 0.431 ug/l
RT: 4.989 min Scan# 64
Delta R.T. 0.085 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

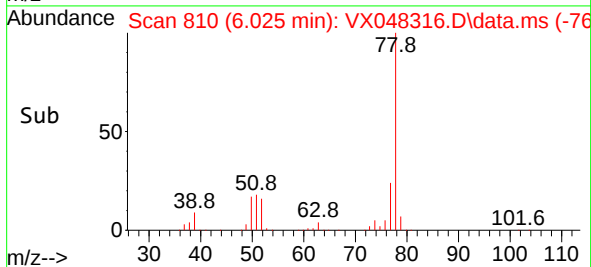
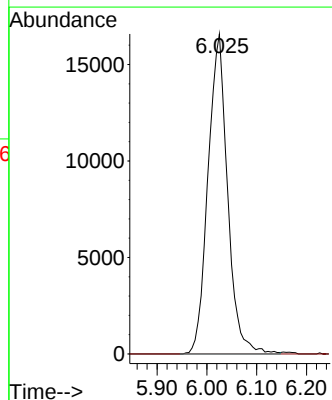
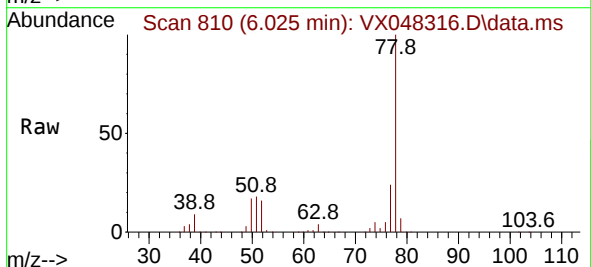
Instrument :
MSVOA_X
ClientSampleId :

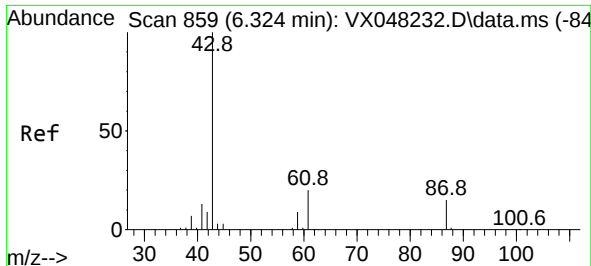
Tgt Ion: 41 Resp: 349
Ion Ratio Lower Upper
41 100
39 79.7 44.0 66.0#
67 0.0 58.7 88.1#
52 0.0 25.9 38.9#



#42
1,2-Dichloroethane
Concen: 22.686 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.043 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

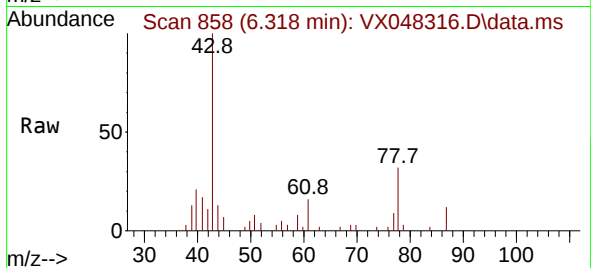
Tgt Ion: 62 Resp: 45244
Ion Ratio Lower Upper
62 100
98 0.0 0.0 17.2



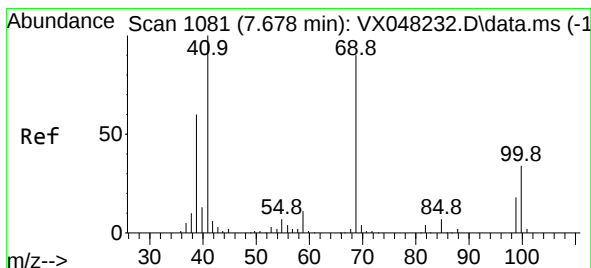
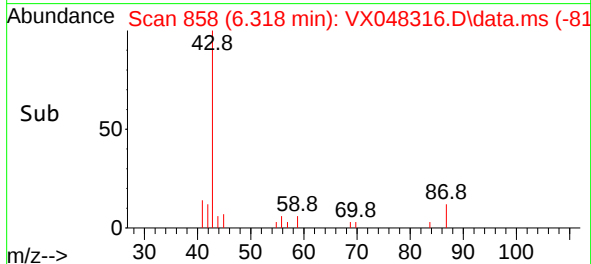
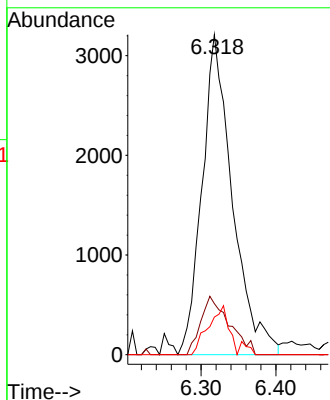


#43
Isopropyl Acetate
Concen: 3.581 ug/l
RT: 6.318 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Instrument :
MSVOA_X
ClientSampleId :

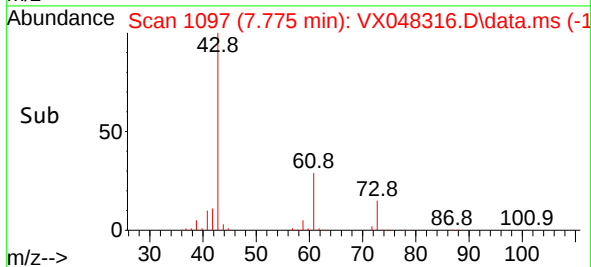
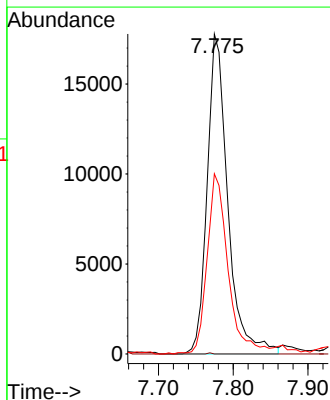
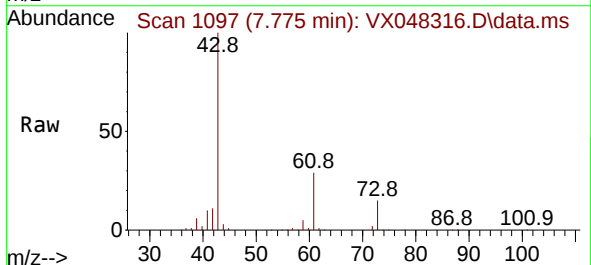


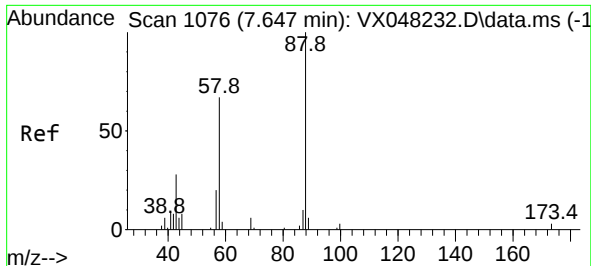
Tgt Ion: 43 Resp: 9076
Ion Ratio Lower Upper
43 100
61 17.2 14.9 22.3
87 10.2 9.4 14.2



#48
Methyl methacrylate
Concen: 26.602 ug/l
RT: 7.775 min Scan# 1097
Delta R.T. 0.097 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion: 41 Resp: 34022
Ion Ratio Lower Upper
41 100
69 0.1 63.4 95.0#
39 57.3 47.1 70.7





#49

1,4-Dioxane

Concen: 3.018 ug/l

RT: 7.775 min Scan# 1076

Delta R.T. 0.134 min

Lab File: VX048316.D

Acq: 23 Oct 2025 11:54

Instrument :

MSVOA_X

ClientSampleId :

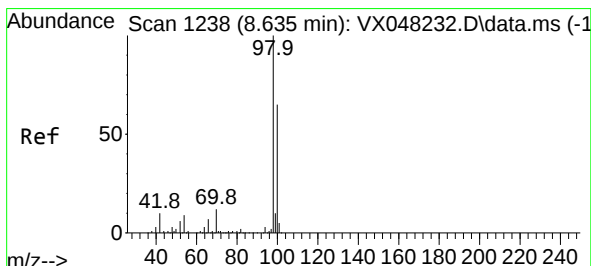
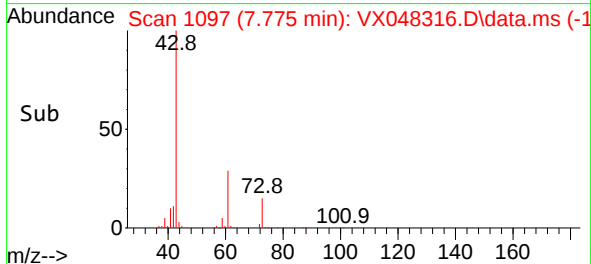
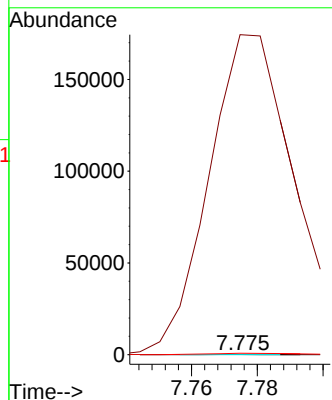
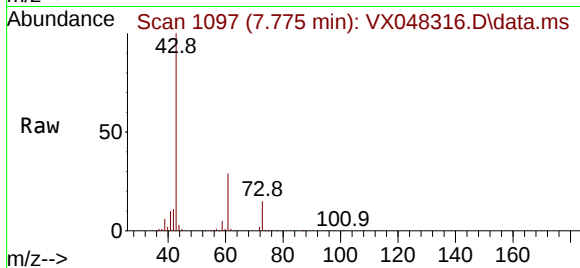
Tgt Ion: 88 Resp: 51

Ion Ratio Lower Upper

88 100

43 669129.4 35.0 52.4#

58 3096.1 61.9 92.9#



#50

Toluene-d8

Concen: 46.481 ug/l

RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048316.D

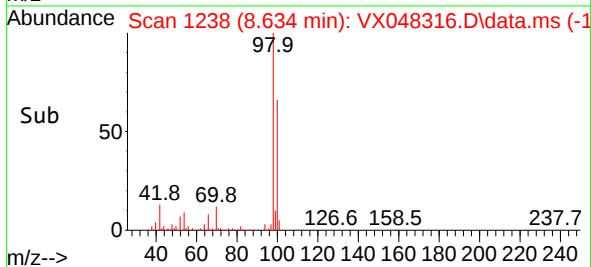
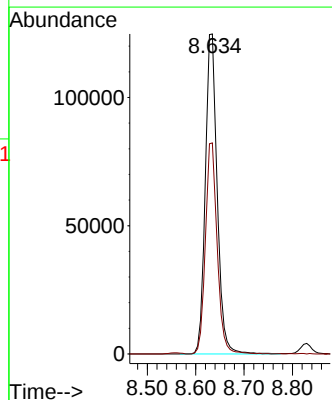
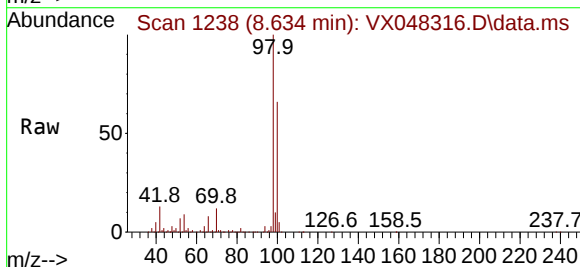
Acq: 23 Oct 2025 11:54

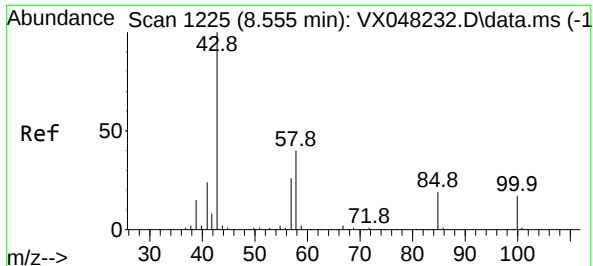
Tgt Ion: 98 Resp: 213382

Ion Ratio Lower Upper

98 100

100 65.4 53.0 79.4

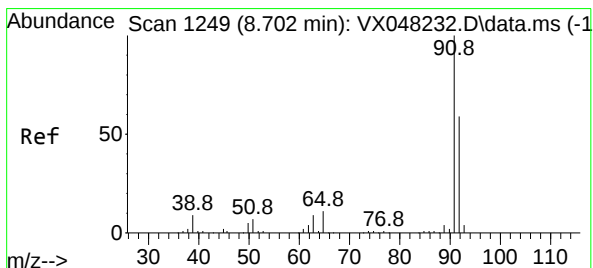
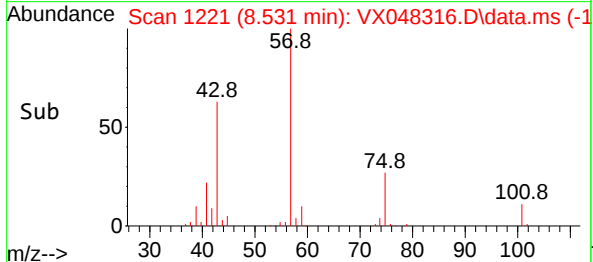
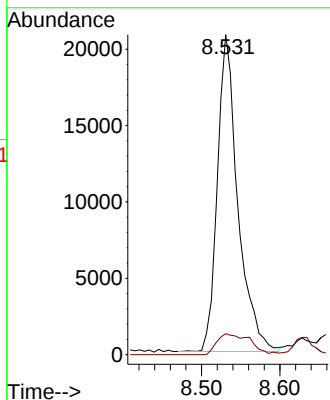
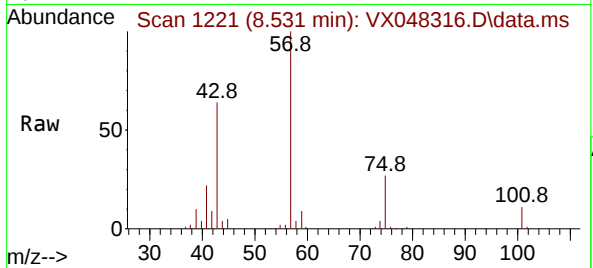




#51
4-Methyl-2-Pentanone
Concen: 25.815 ug/l
RT: 8.531 min Scan# 1221
Delta R.T. -0.025 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

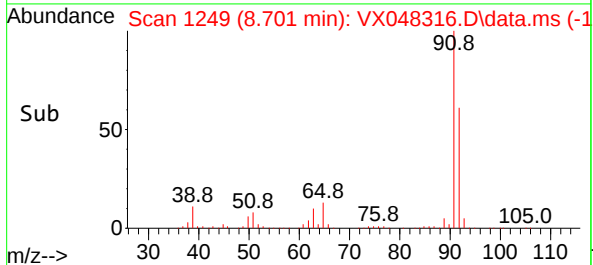
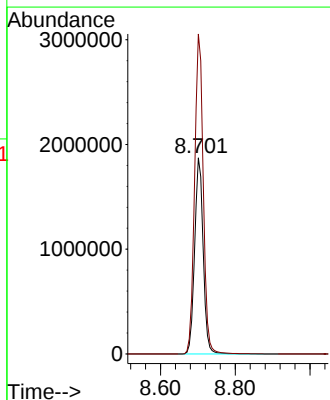
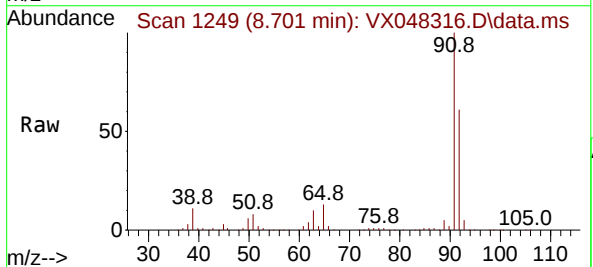
Instrument :
MSVOA_X
ClientSampleId :

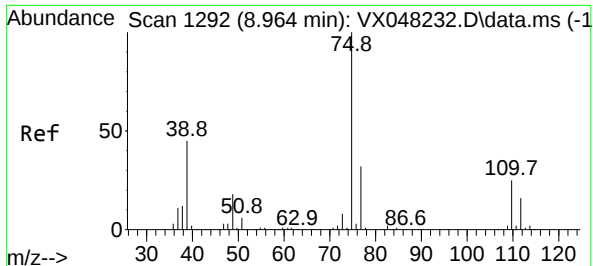
Tgt Ion: 43 Resp: 37724
Ion Ratio Lower Upper
43 100
58 10.8 29.5 44.3#



#52
Toluene
Concen: 862.797 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion: 92 Resp: 2962432
Ion Ratio Lower Upper
92 100
91 165.9 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 17.629 ug/l

RT: 8.701 min Scan# 11

Delta R.T. -0.262 min

Lab File: VX048316.D

Acq: 23 Oct 2025 11:54

Instrument :

MSVOA_X

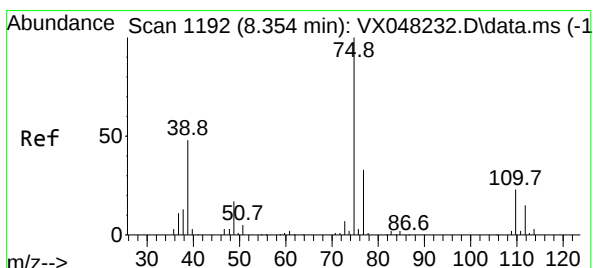
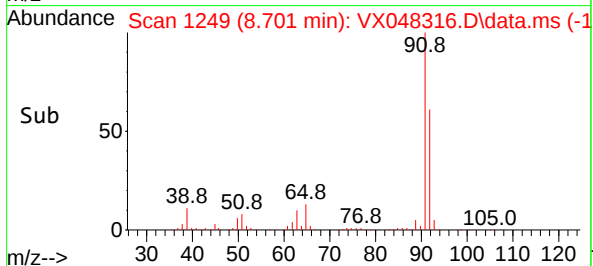
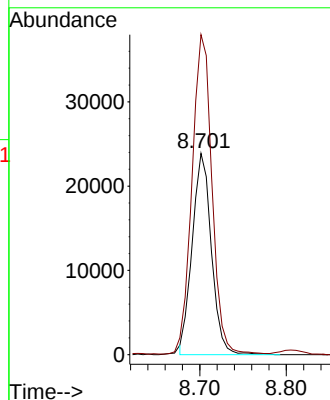
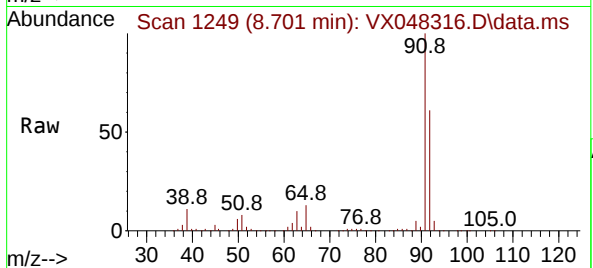
ClientSampleId :

Tgt Ion: 75 Resp: 36722

Ion Ratio Lower Upper

75 100

77 157.5 25.0 37.6#



#54

cis-1,3-Dichloropropene

Concen: 6.742 ug/l

RT: 8.531 min Scan# 1221

Delta R.T. 0.183 min

Lab File: VX048316.D

Acq: 23 Oct 2025 11:54

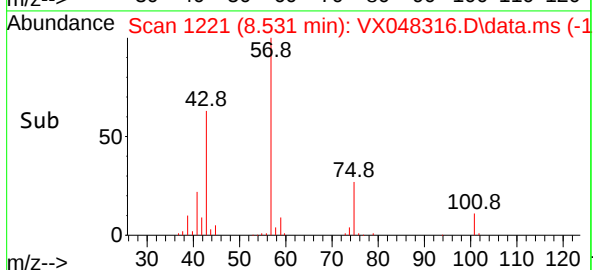
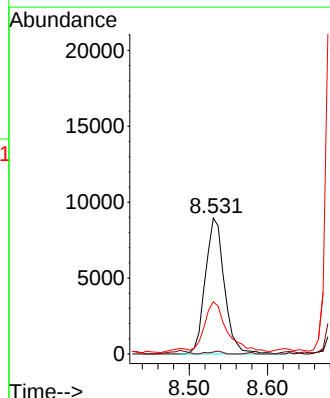
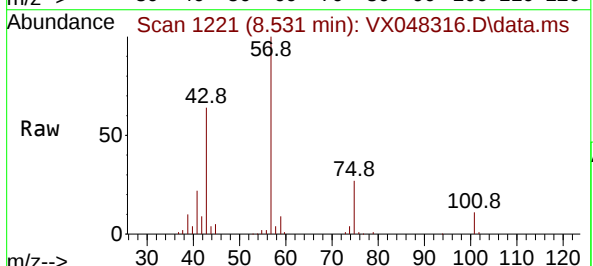
Tgt Ion: 75 Resp: 15152

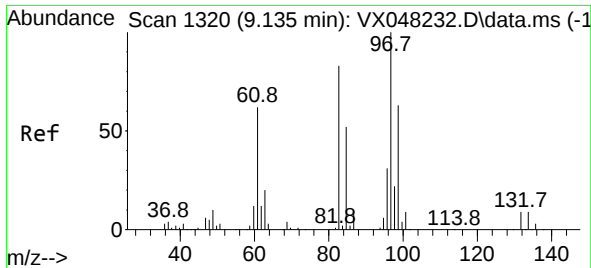
Ion Ratio Lower Upper

75 100

77 0.5 24.9 37.3#

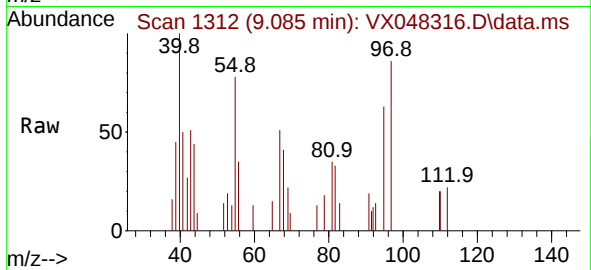
39 35.1 42.6 64.0#



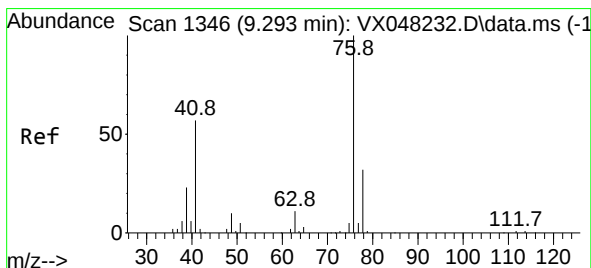
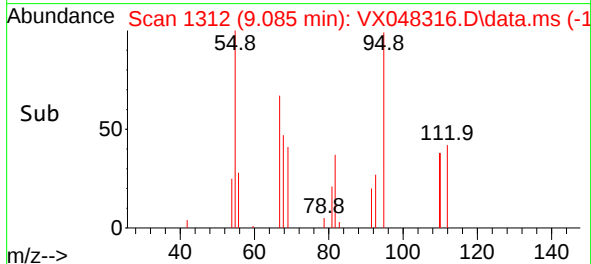
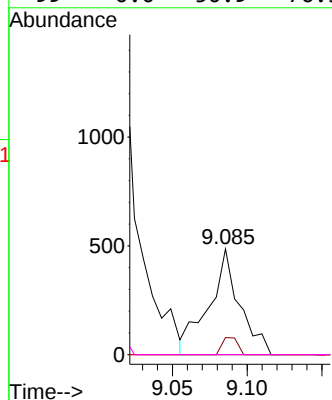


#55
 1,1,2-Trichloroethane
 Concen: 0.544 ug/l
 RT: 9.085 min Scan# 11
 Delta R.T. -0.049 min
 Lab File: VX048316.D
 Acq: 23 Oct 2025 11:54

Instrument :
 MSVOA_X
 ClientSampleId :

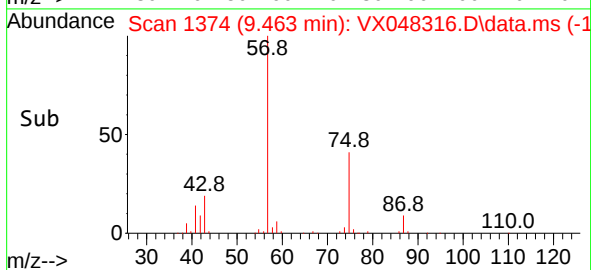
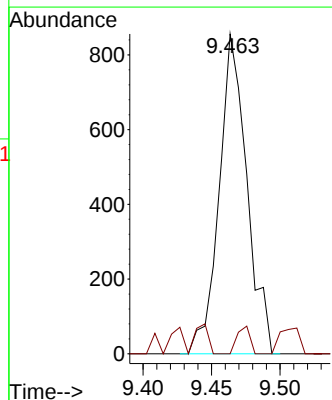
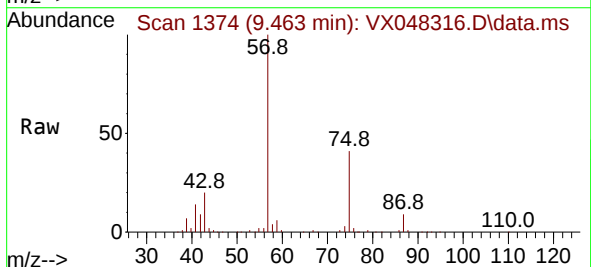


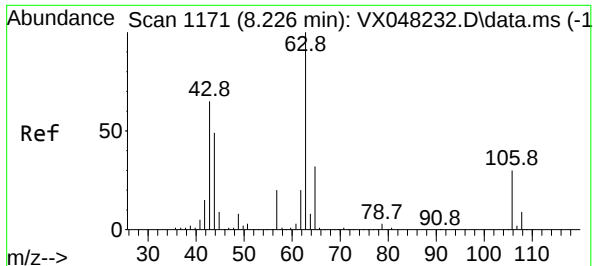
Tgt Ion: 97	Resp: 695
Ion Ratio	Lower Upper
97	100
83	16.3 70.6 105.8#
85	0.0 45.0 67.6#
99	0.0 50.9 76.3#



#57
 1,3-Dichloropropane
 Concen: 0.552 ug/l
 RT: 9.463 min Scan# 1374
 Delta R.T. 0.170 min
 Lab File: VX048316.D
 Acq: 23 Oct 2025 11:54

Tgt Ion: 76	Resp: 1204
Ion Ratio	Lower Upper
76	100
78	4.0 25.4 38.0#

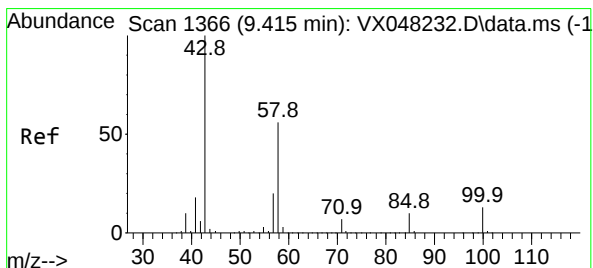
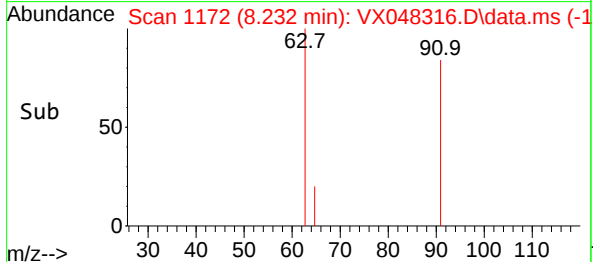
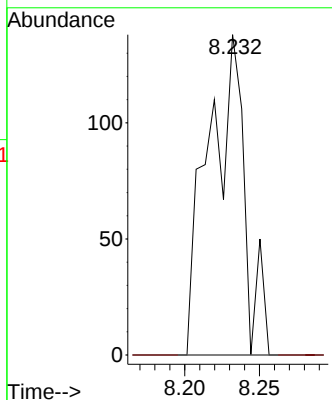
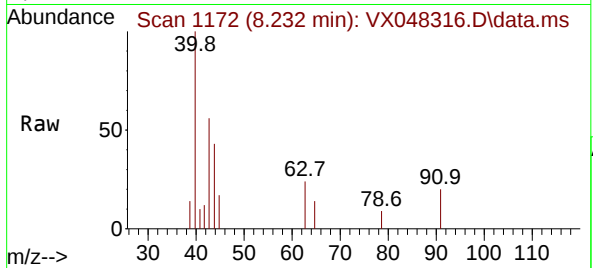




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.927 ug/l
 RT: 8.232 min Scan# 1171
 Delta R.T. 0.006 min
 Lab File: VX048316.D
 Acq: 23 Oct 2025 11:54

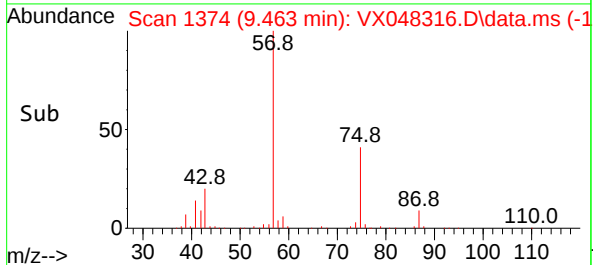
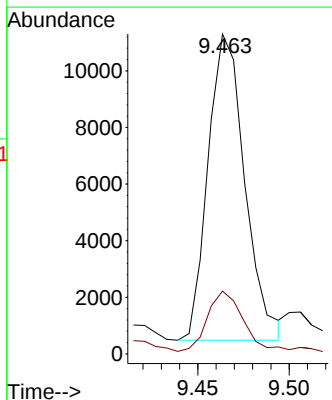
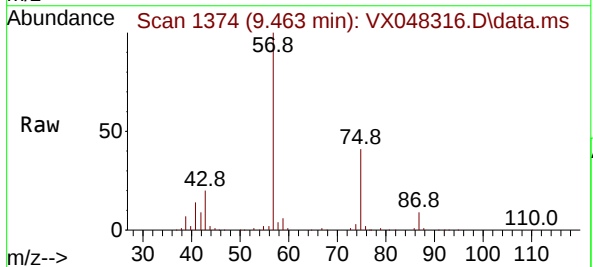
Instrument :
 MSVOA_X
 ClientSampleId :

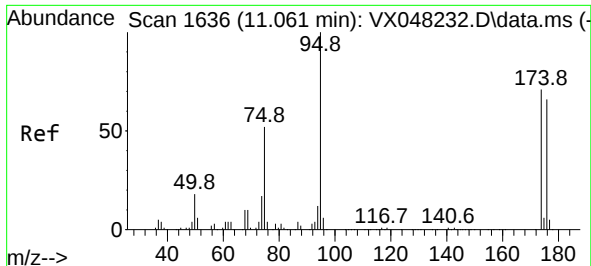
Tgt Ion: 63 Resp: 232
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.2 33.2#



#59
 2-Hexanone
 Concen: 14.826 ug/l
 RT: 9.463 min Scan# 1374
 Delta R.T. 0.048 min
 Lab File: VX048316.D
 Acq: 23 Oct 2025 11:54

Tgt Ion: 43 Resp: 15107
 Ion Ratio Lower Upper
 43 100
 58 22.8 26.3 78.8#

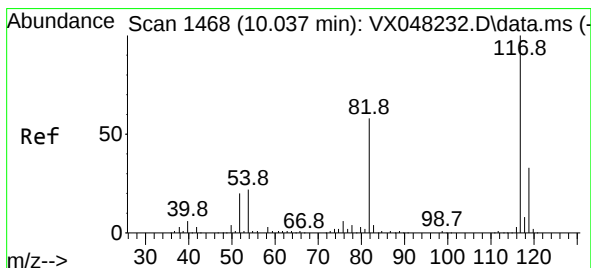
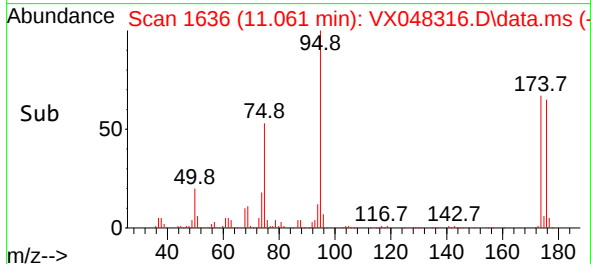
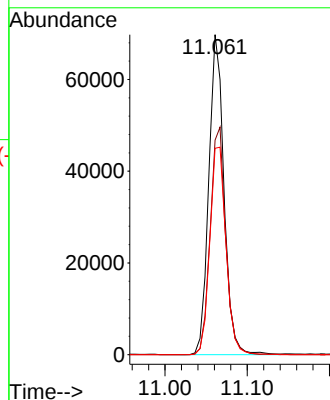
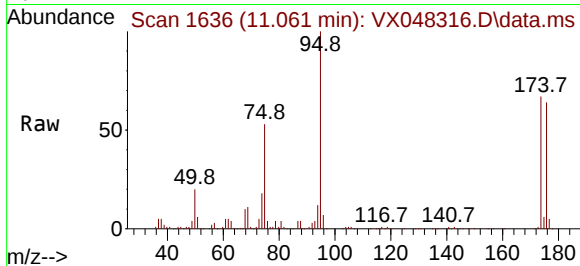




#62
4-Bromofluorobenzene
Concen: 51.302 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

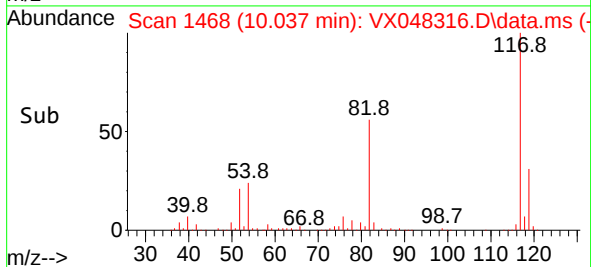
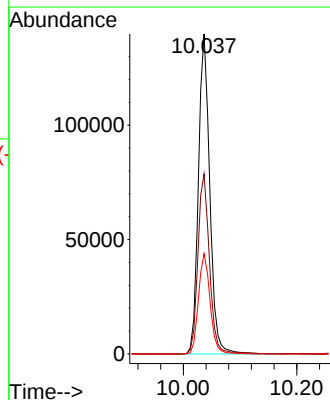
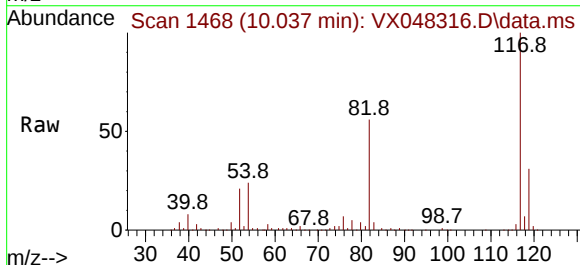
Instrument :
MSVOA_X
ClientSampleId :

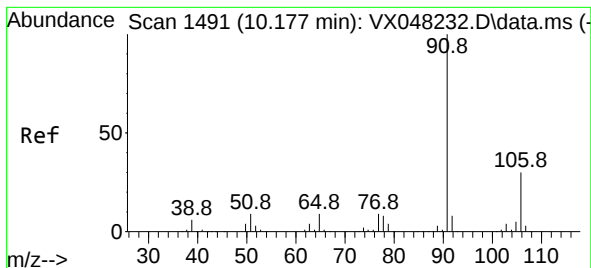
Tgt Ion: 95 Resp: 89596
Ion Ratio Lower Upper
95 100
174 72.5 0.0 147.8
176 69.0 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion: 117 Resp: 194077
Ion Ratio Lower Upper
117 100
82 56.2 46.5 69.7
119 31.3 25.9 38.9

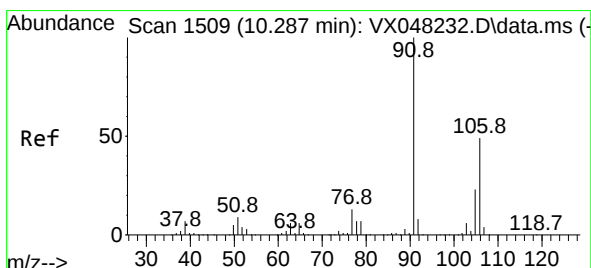
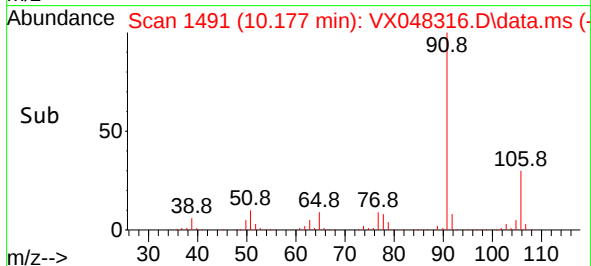
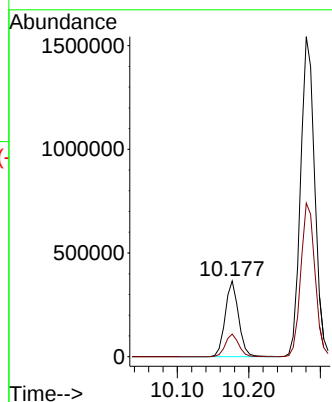
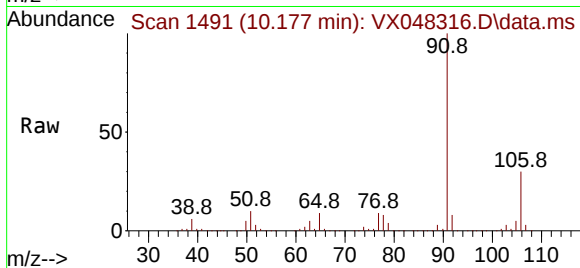




#67
Ethyl Benzene
Concen: 63.826 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

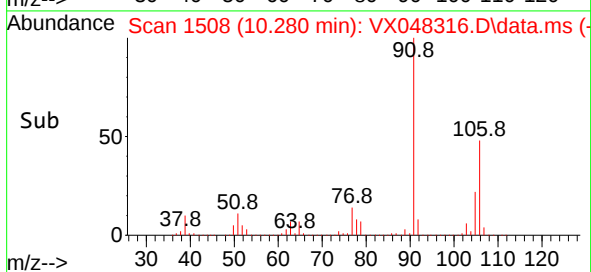
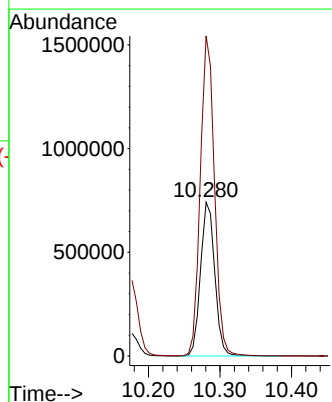
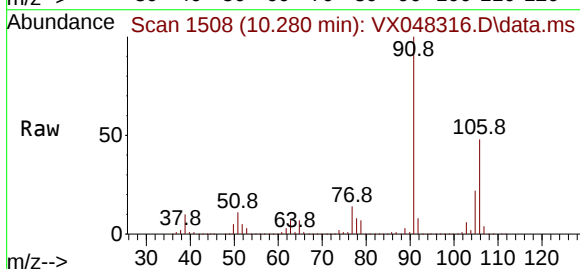
Instrument :
MSVOA_X
ClientSampleId :

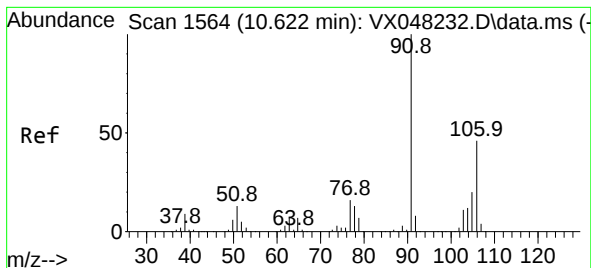
Tgt Ion: 91 Resp: 474423
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.6



#68
m/p-Xylenes
Concen: 370.230 ug/l
RT: 10.280 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion:106 Resp: 1022483
Ion Ratio Lower Upper
106 100
91 207.2 167.9 251.9





#69

o-Xylene

Concen: 355.355 ug/l

RT: 10.628 min Scan# 1564

Delta R.T. 0.006 min

Lab File: VX048316.D

Acq: 23 Oct 2025 11:54

Instrument :

MSVOA_X

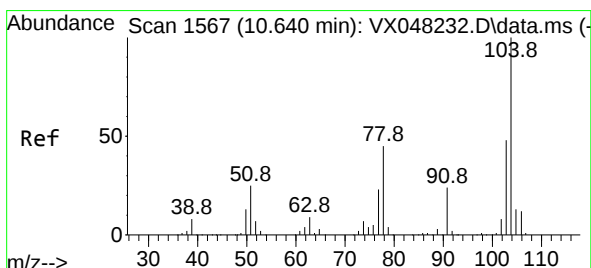
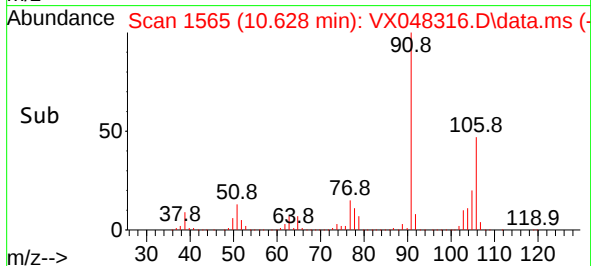
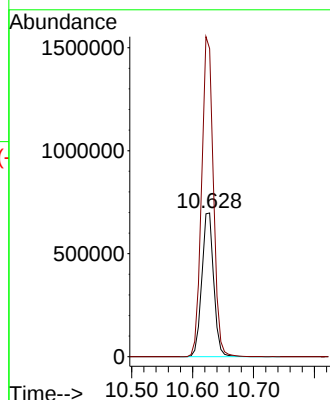
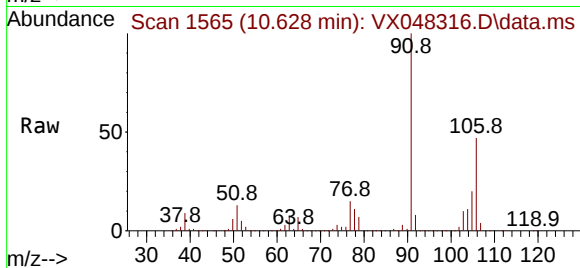
ClientSampleId :

Tgt Ion:106 Resp: 947483

Ion Ratio Lower Upper

106 100

91 220.4 111.3 333.9



#70

Styrene

Concen: 82.503 ug/l

RT: 10.634 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VX048316.D

Acq: 23 Oct 2025 11:54

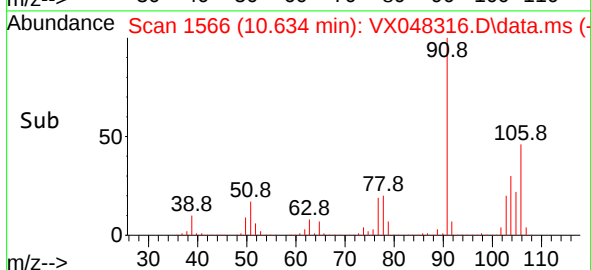
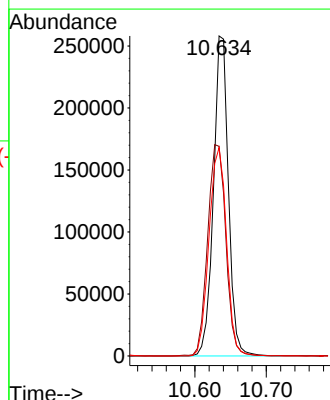
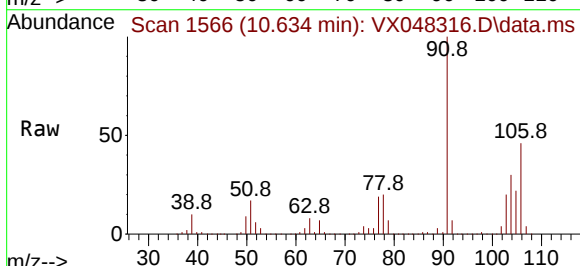
Tgt Ion:104 Resp: 374569

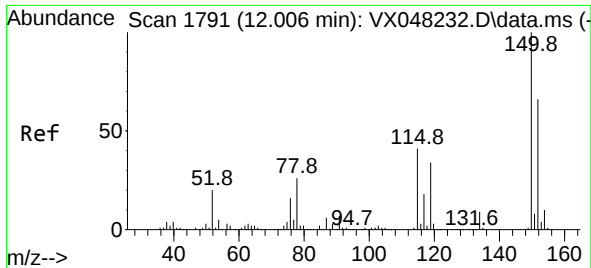
Ion Ratio Lower Upper

104 100

78 80.3 42.2 63.4#

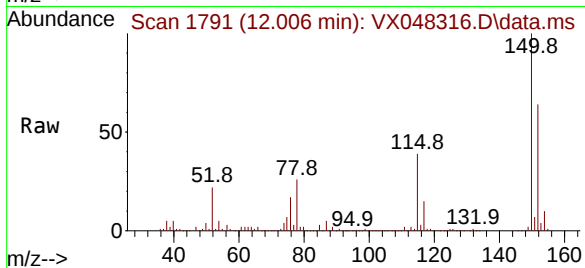
103 76.4 43.0 64.4#



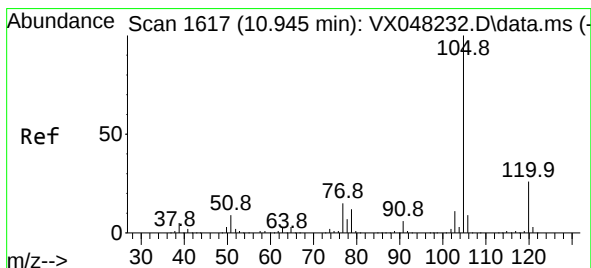
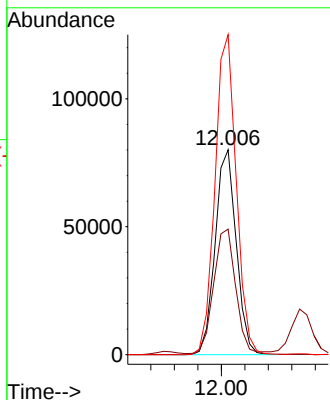
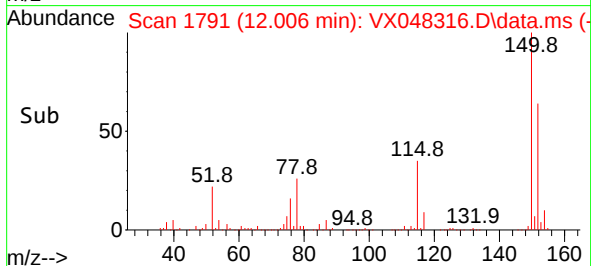


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

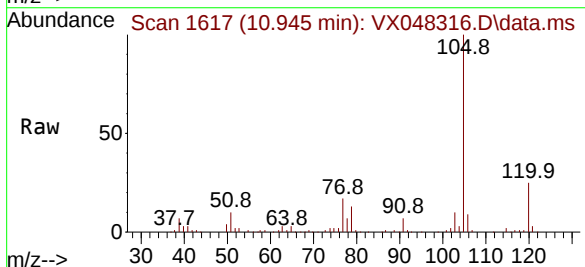
Instrument :
MSVOA_X
ClientSampleId :



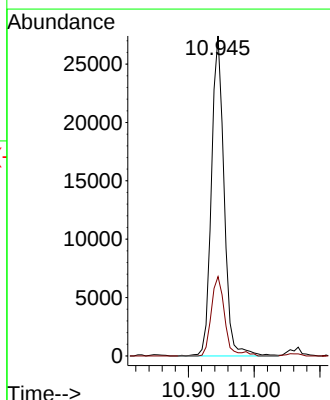
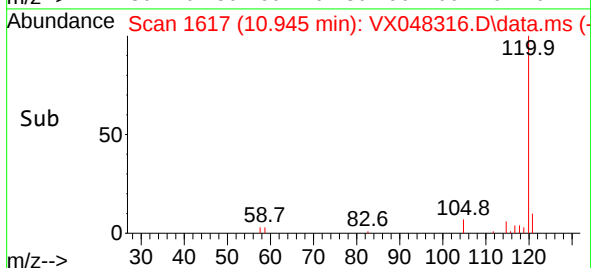
Tgt Ion:152 Resp: 99886
Ion Ratio Lower Upper
152 100
115 63.4 43.1 129.4
150 156.8 0.0 353.0

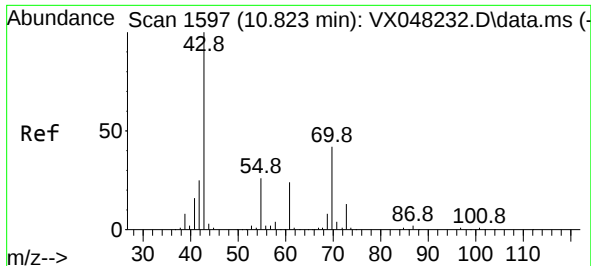


#73
Isopropylbenzene
Concen: 5.038 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54



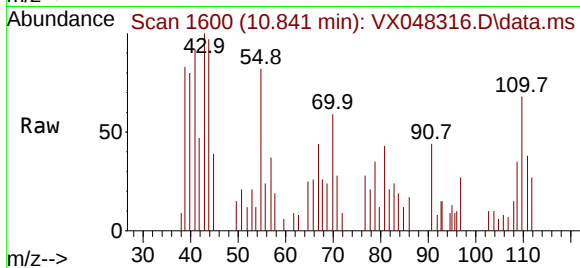
Tgt Ion:105 Resp: 36757
Ion Ratio Lower Upper
105 100
120 26.4 13.0 38.9



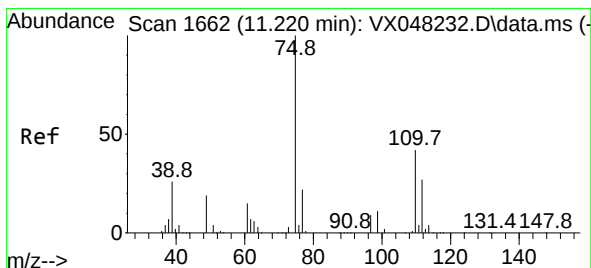
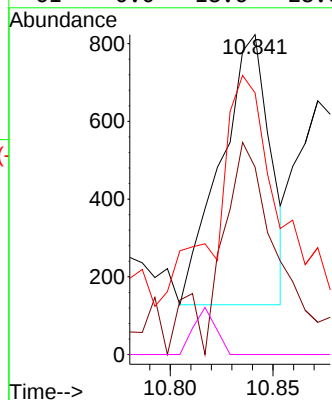
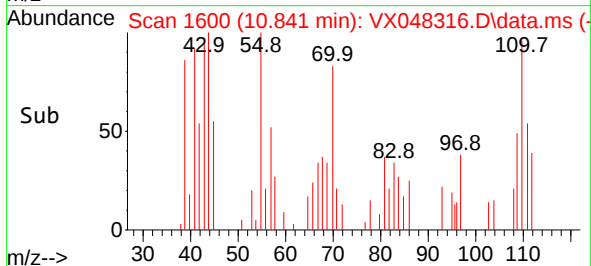


#74
N-amy1 acetate
Concen: 0.452 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.018 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Instrument :
MSVOA_X
ClientSampleId :

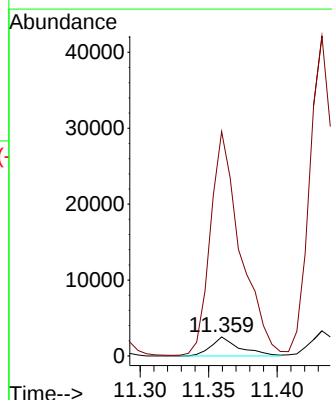
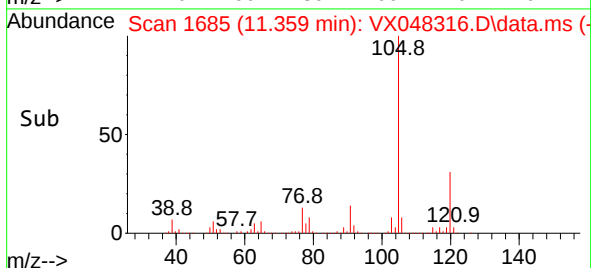
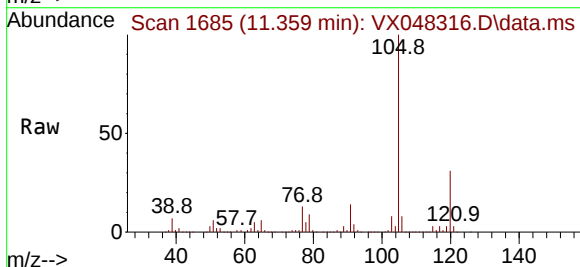


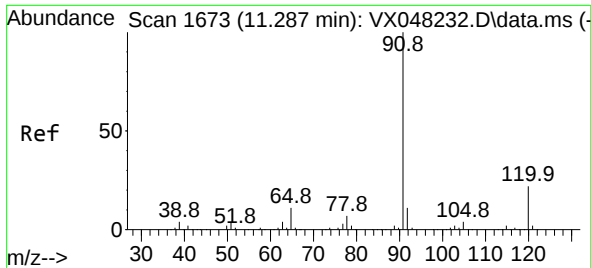
Tgt Ion: 43	Resp: 1169
Ion Ratio	Lower Upper
43 100	
70 93.7	32.2 48.2#
55 113.9	19.1 28.7#
61 0.0	18.6 28.0#



#76
1,2,3-Trichloropropane
Concen: 2.243 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. 0.140 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion: 75	Resp: 3634		
Ion Ratio	Lower	Upper	
75	100		
77	1252.4	22.4	67.2#

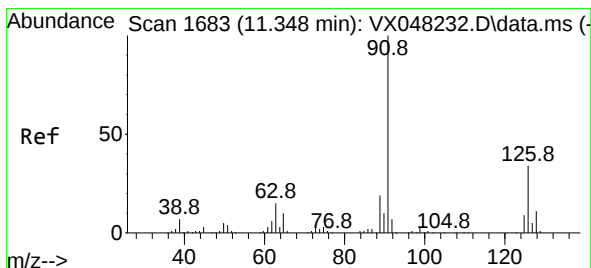
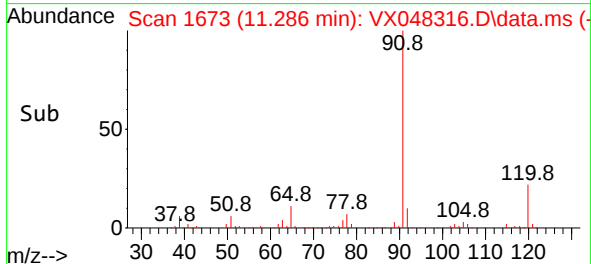
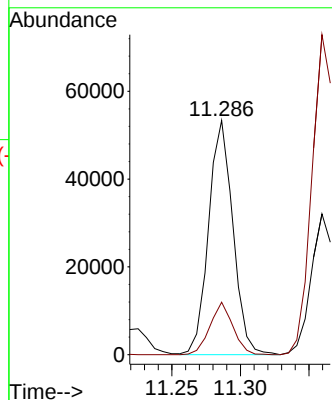
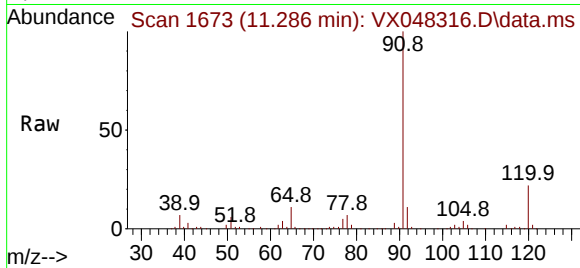




#78
n-propylbenzene
Concen: 7.812 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

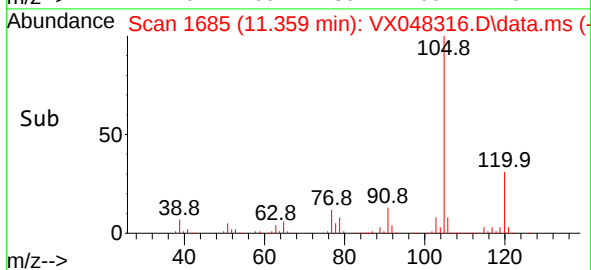
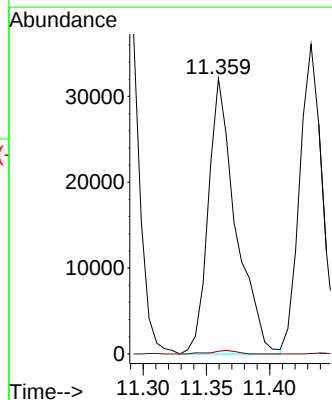
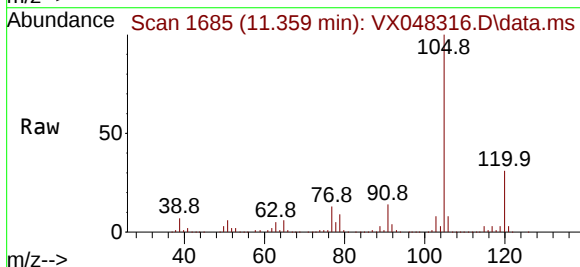
Instrument :
MSVOA_X
ClientSampleId :

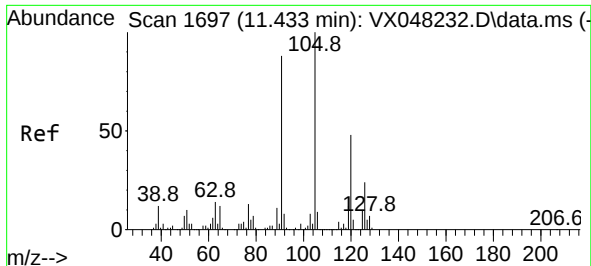
Tgt Ion: 91 Resp: 65986
Ion Ratio Lower Upper
91 100
120 21.1 11.1 33.1



#79
2-Chlorotoluene
Concen: 9.511 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. 0.012 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

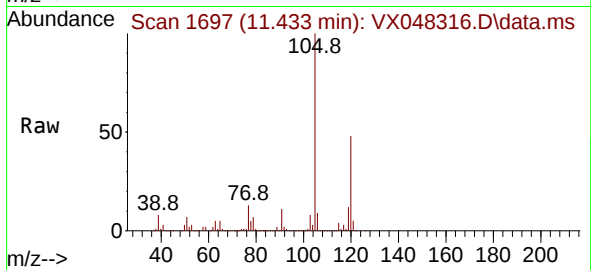
Tgt Ion: 91 Resp: 48711
Ion Ratio Lower Upper
91 100
126 1.1 16.4 49.4#



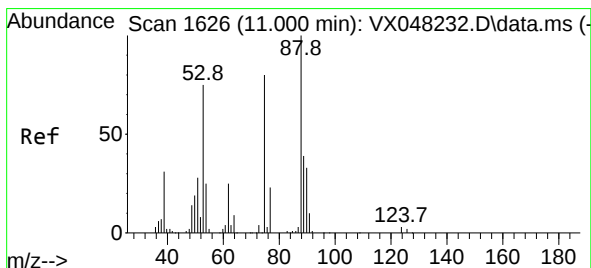
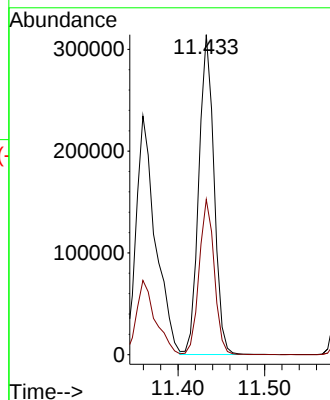
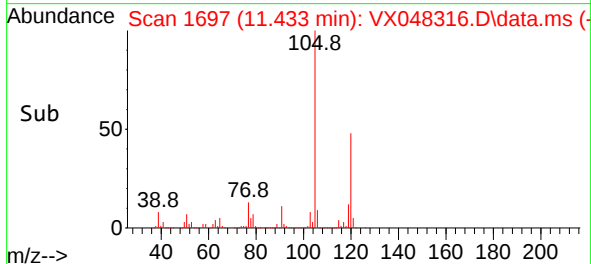


#80
1,3,5-Trimethylbenzene
Concen: 63.277 ug/l
RT: 11.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

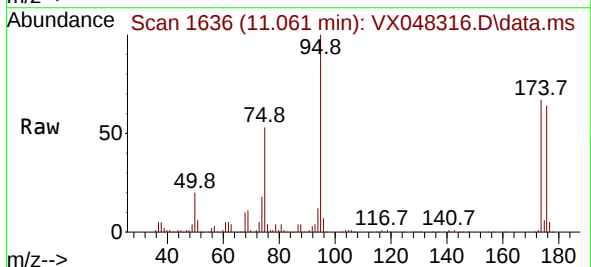
Instrument :
MSVOA_X
ClientSampleId :



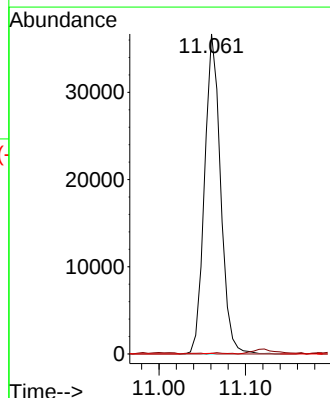
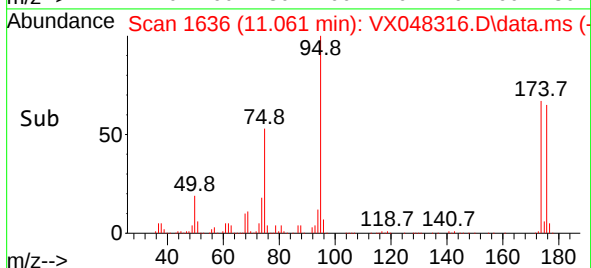
Tgt Ion:105 Resp: 382036
Ion Ratio Lower Upper
105 100
120 48.2 24.0 72.0

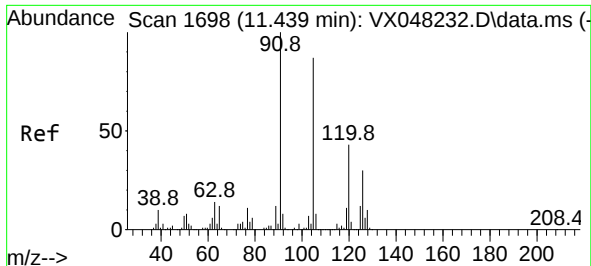


#81
trans-1,4-Dichloro-2-butene
Concen: 70.725 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54



Tgt Ion: 75 Resp: 47088
Ion Ratio Lower Upper
75 100
53 0.3 79.5 119.3#
89 0.0 36.8 55.2#

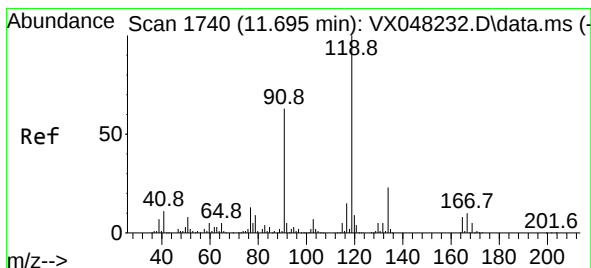
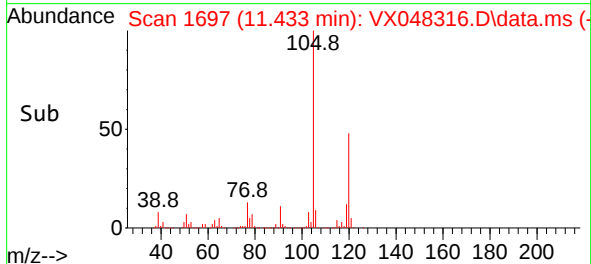
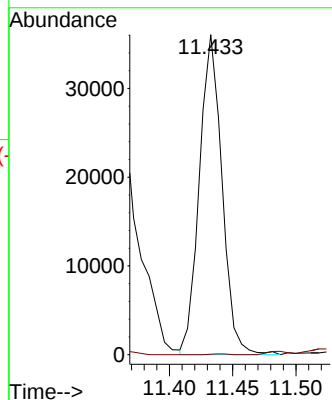
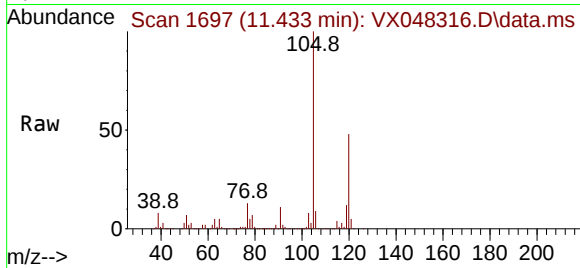




#82
4-Chlorotoluene
Concen: 7.394 ug/l
RT: 11.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

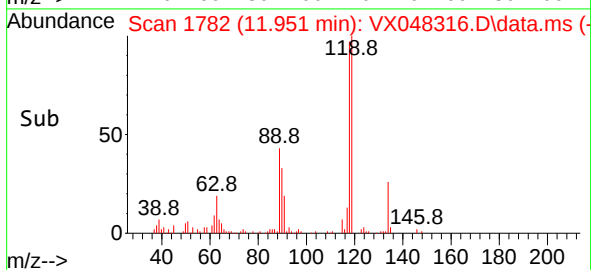
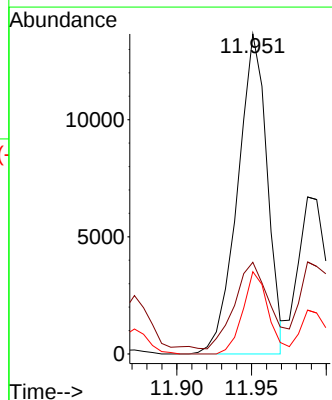
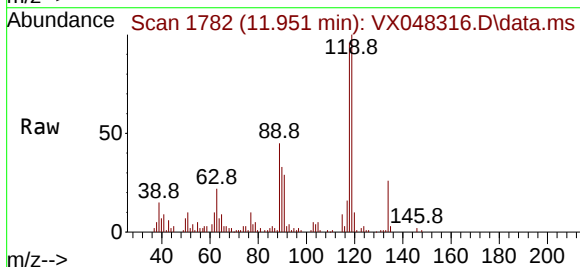
Instrument :
MSVOA_X
ClientSampleId :

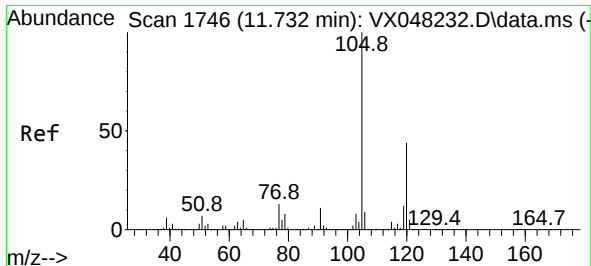
Tgt Ion: 91 Resp: 44955
Ion Ratio Lower Upper
91 100
126 0.0 14.1 42.4#



#83
tert-Butylbenzene
Concen: 3.035 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. 0.256 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion: 119 Resp: 18828
Ion Ratio Lower Upper
119 100
91 30.6 30.3 91.0
134 21.7 11.4 34.2

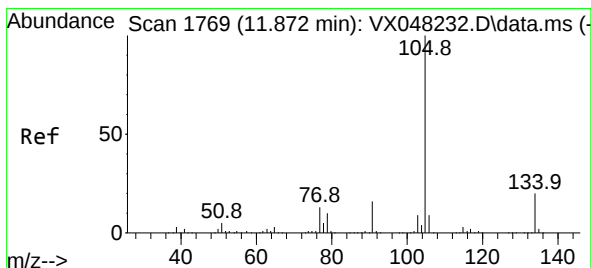
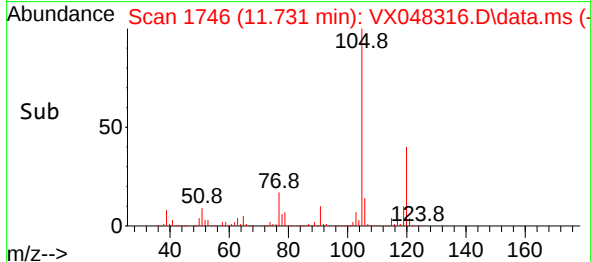
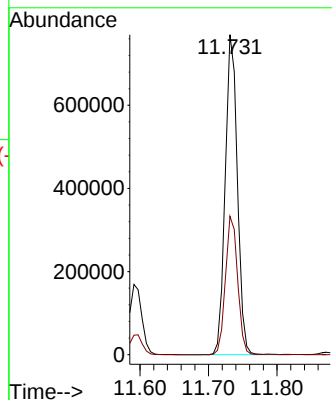
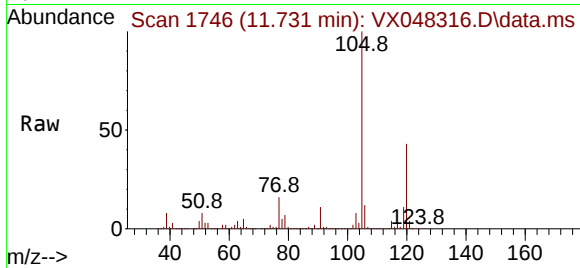




#84
1,2,4-Trimethylbenzene
Concen: 156.402 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

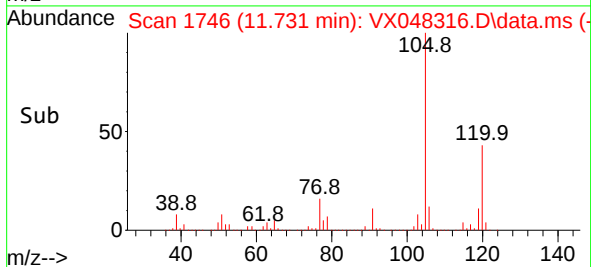
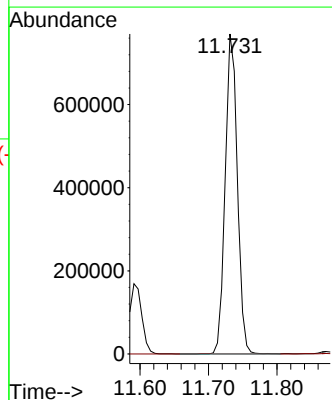
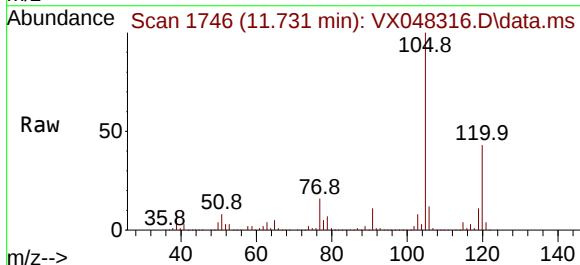
Instrument :
MSVOA_X
ClientSampleId :

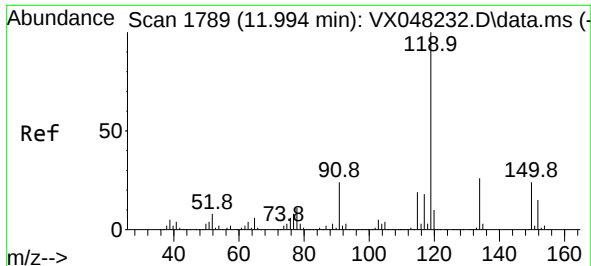
Tgt Ion:105 Resp: 942383
Ion Ratio Lower Upper
105 100
120 43.4 22.1 66.5



#85
sec-Butylbenzene
Concen: 126.269 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.141 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion:105 Resp: 942383
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#





#86

p-Isopropyltoluene

Concen: 2.919 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.037 min

Lab File: VX048316.D

Acq: 23 Oct 2025 11:54

Instrument :

MSVOA_X

ClientSampleId :

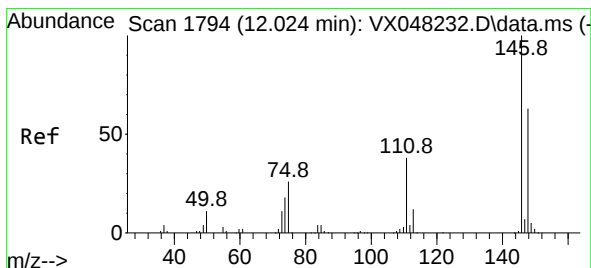
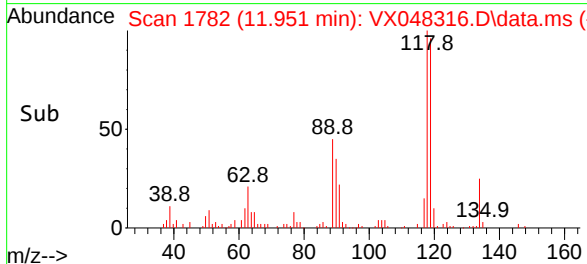
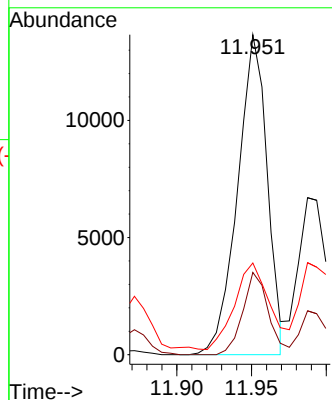
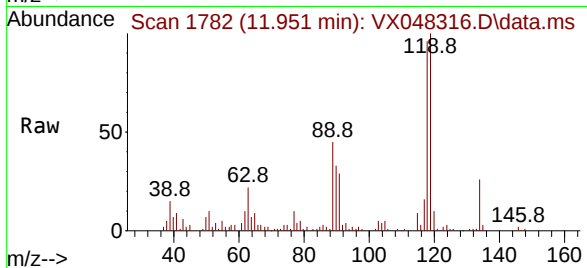
Tgt Ion:119 Resp: 18828

Ion Ratio Lower Upper

119 100

134 22.3 13.0 39.0

91 32.0 12.1 36.3



#88

1,4-Dichlorobenzene

Concen: 0.222 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048316.D

Acq: 23 Oct 2025 11:54

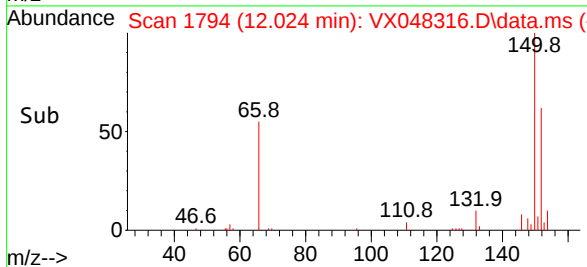
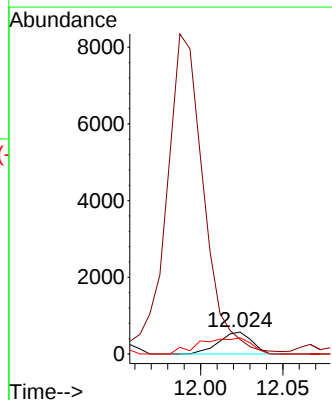
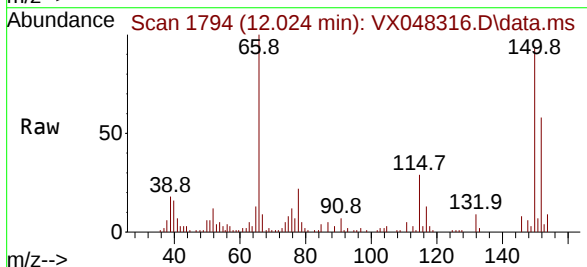
Tgt Ion:146 Resp: 792

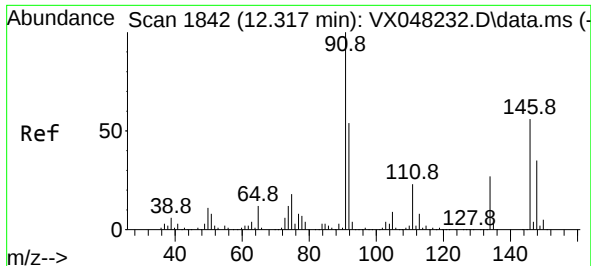
Ion Ratio Lower Upper

146 100

111 0.0 20.1 60.2#

148 114.8 31.8 95.3#





#89

n-Butylbenzene

Concen: 2.499 ug/l

RT: 12.304 min Scan# 1840

Delta R.T. -0.006 min

Lab File: VX048316.D

Acq: 23 Oct 2025 11:54

Instrument :

MSVOA_X

ClientSampleId :

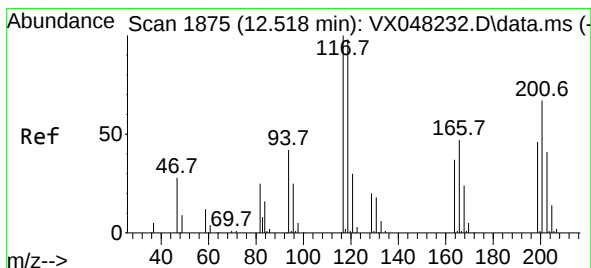
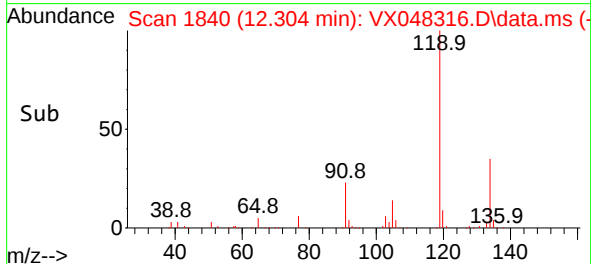
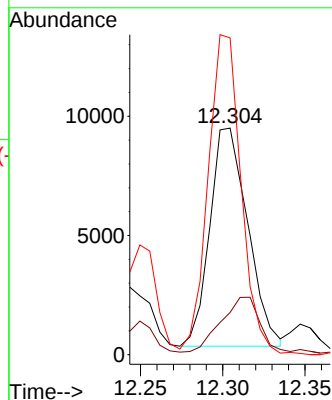
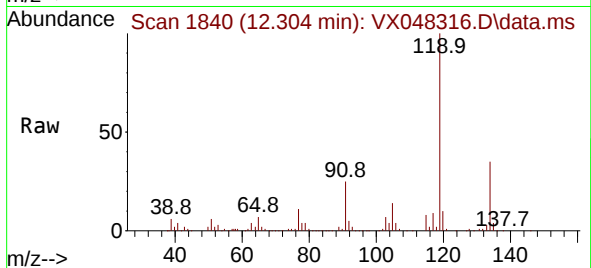
Tgt Ion: 91 Resp: 14672

Ion Ratio Lower Upper

91 100

92 26.4 26.9 80.6#

134 128.1 12.7 38.1#



#90

Hexachloroethane

Concen: 9.235 ug/l

RT: 12.530 min Scan# 1877

Delta R.T. 0.012 min

Lab File: VX048316.D

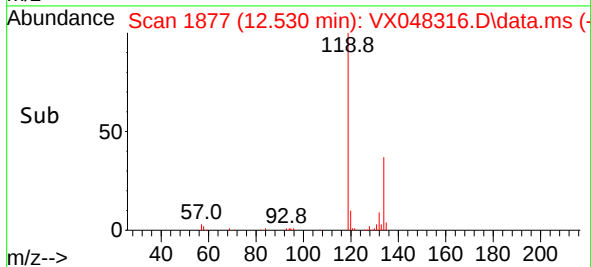
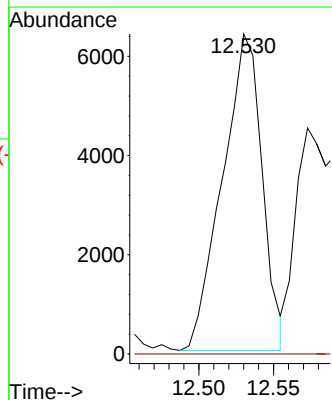
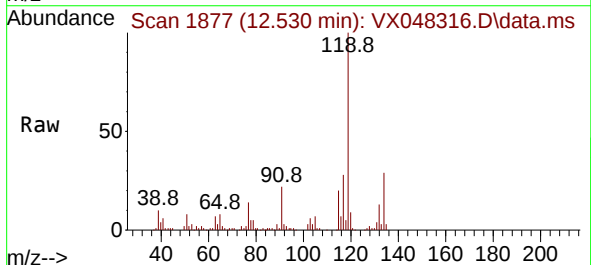
Acq: 23 Oct 2025 11:54

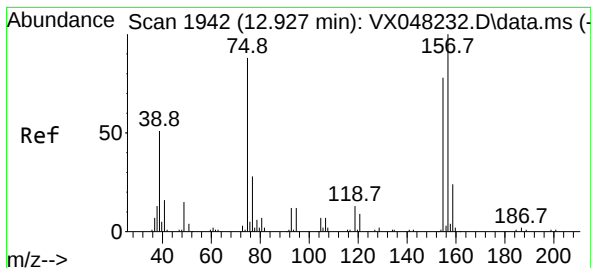
Tgt Ion: 117 Resp: 11765

Ion Ratio Lower Upper

117 100

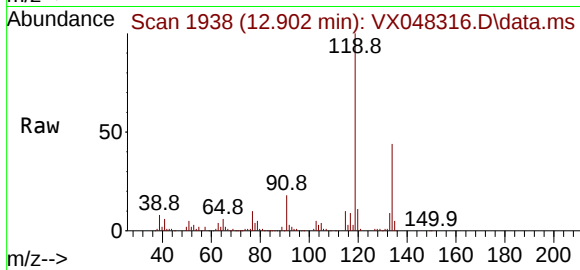
201 0.0 34.1 102.2#



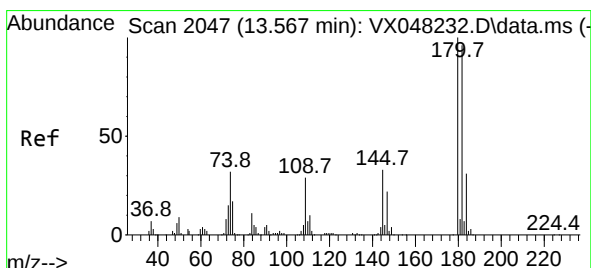
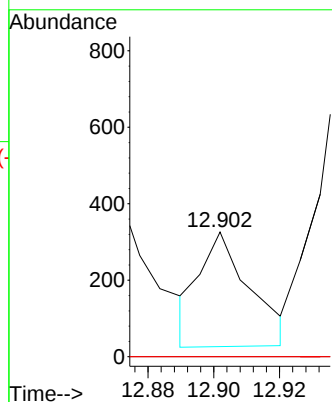
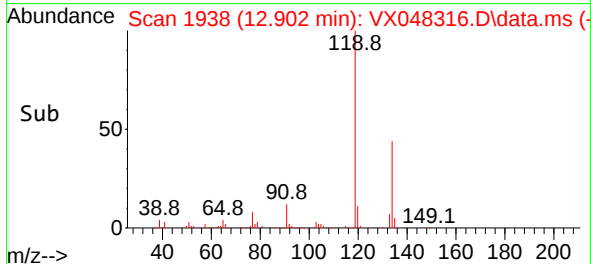


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.784 ug/l
 RT: 12.902 min Scan# 1938
 Delta R.T. -0.019 min
 Lab File: VX048316.D
 Acq: 23 Oct 2025 11:54

Instrument :
 MSVOA_X
 ClientSampleId :

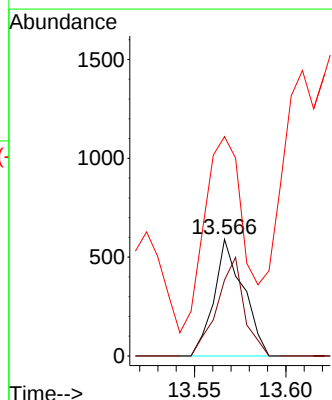
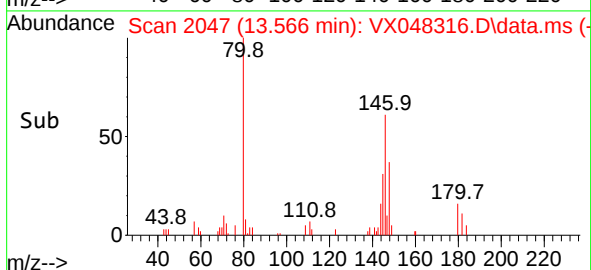
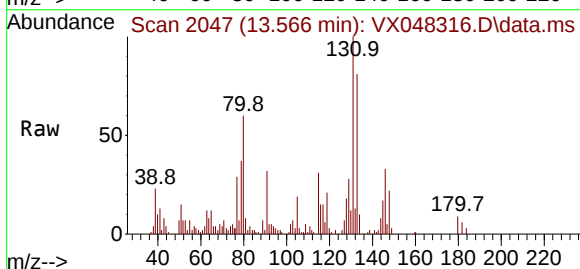


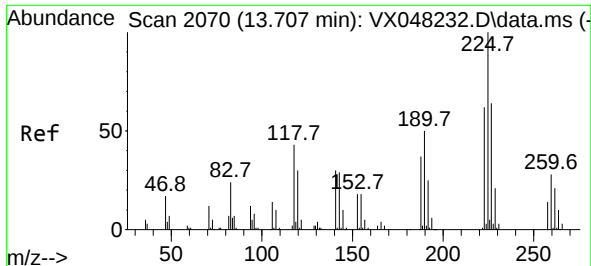
Tgt Ion: 75 Resp: 317
 Ion Ratio Lower Upper
 75 100
 155 0.0 42.8 128.4#
 157 0.0 54.2 162.6#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.301 ug/l
 RT: 13.566 min Scan# 2047
 Delta R.T. -0.000 min
 Lab File: VX048316.D
 Acq: 23 Oct 2025 11:54

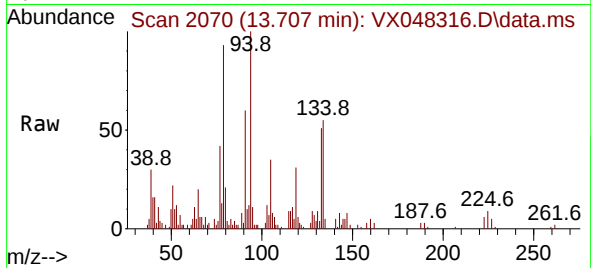
Tgt Ion: 180 Resp: 658
 Ion Ratio Lower Upper
 180 100
 182 77.7 47.3 142.0
 145 236.6 16.3 48.9#



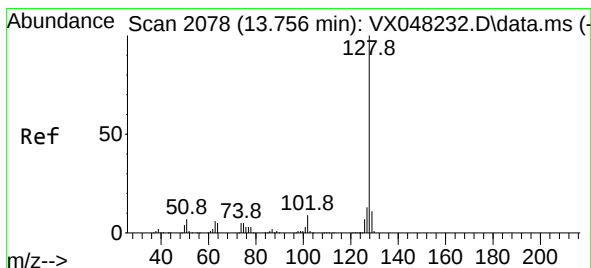
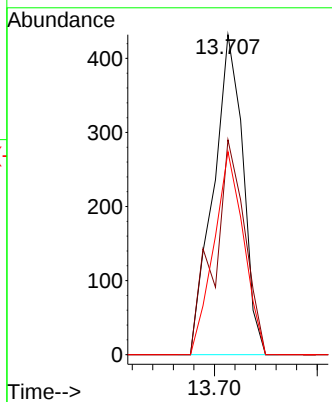
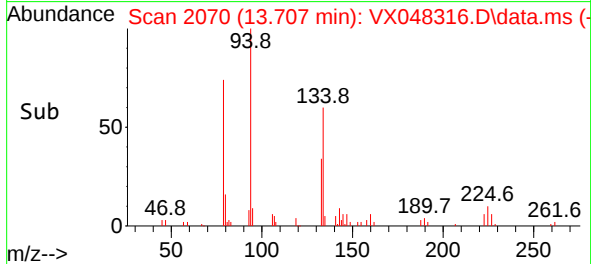


#94
Hexachlorobutadiene
Concen: 0.594 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	225	Resp:	433
Ion	Ratio	Lower	Upper
225	100		
223	69.3	32.6	97.7
227	64.0	32.5	97.4



#95
Naphthalene
Concen: 1072.433 ug/l
RT: 13.761 min Scan# 2079
Delta R.T. 0.006 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion:	128	Resp:	6221346
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	11.6	8.6	12.8

